


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 1-18-3-3WH				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6388			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Newfield RMI LLC						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-1932				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1001 17th Street, Suite 2000, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		8 FNL 756 FEL		NENE	18	3.0 S	3.0 W	U		
Top of Uppermost Producing Zone		660 FNL 660 FEL		NENE	18	3.0 S	3.0 W	U		
At Total Depth		660 FSL 660 FEL		SESE	18	3.0 S	3.0 W	U		
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 8			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2110			26. PROPOSED DEPTH MD: 13577 TVD: 9019				
27. ELEVATION - GROUND LEVEL 5462			28. BOND NUMBER RLB00100473			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
Surf	12.25	9.625	0 - 2500	36.0	J-55 LT&C	8.3	Premium Lite High Strength	204	3.53	11.0
							Class G	154	1.17	15.8
I1	8.75	7	0 - 9693	26.0	P-110 LT&C	11.5	Premium Lite High Strength	282	3.53	11.0
							50/50 Poz	409	1.24	14.3
Prod	6.125	4.5	8643 - 13577	13.5	P-110 Other	11.5	No Used	0	0.0	0.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton				TITLE Permitting Agent			PHONE 435 719-2018			
SIGNATURE				DATE 08/27/2012			EMAIL starpoint@etv.net			
API NUMBER ASSIGNED 43013516990000				APPROVAL  Permit Manager						

Newfield Production Company
Ute Tribal 1-18-3-3WH
Surface Hole Location: 8' FNL, 756' FEL, Section 18, T3S, R3W
Bottom Hole Location: 660' FSL, 660' FEL, Section 18, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,900'
Garden Gulch member	6,760'
Wasatch	9,314'
Pilot Hole TD	9,514'
Lateral TD	9,019' TVD / 13,577' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	980'	(water)
Green River	6,760' - 9,019'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520	2,020	394,000
									2.12	2.54	4.38
Intermediate 7	0'	9,205'	26	P-110	BTC	11	11.5	15	9,960	6,210	853,000
		9,693'							2.29	1.35	3.38
Production 4 1/2	8,643'	9,019'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
		13,577'							2.92	2.38	6.34

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720	15%	11.0	3.53
				204			
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180	15%	15.8	1.17
				154			
Pilot Hole Plug Back	8 3/4	821'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	394	15%	14.3	1.24
				318			
Intermediate Lead	8 3/4	5,760'	Premium Lite II w/ 3% KCl + 10% bentonite	996	15%	11.0	3.53
				282			
Intermediate Tail	8 3/4	2,933'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	507	15%	14.3	1.24
				409			
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	--	--	--	--
				--			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
-----------------	--------------------

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,500' - TD A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTB to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

$$9,019' \times 0.57 \text{ psi/ft} = 5159 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

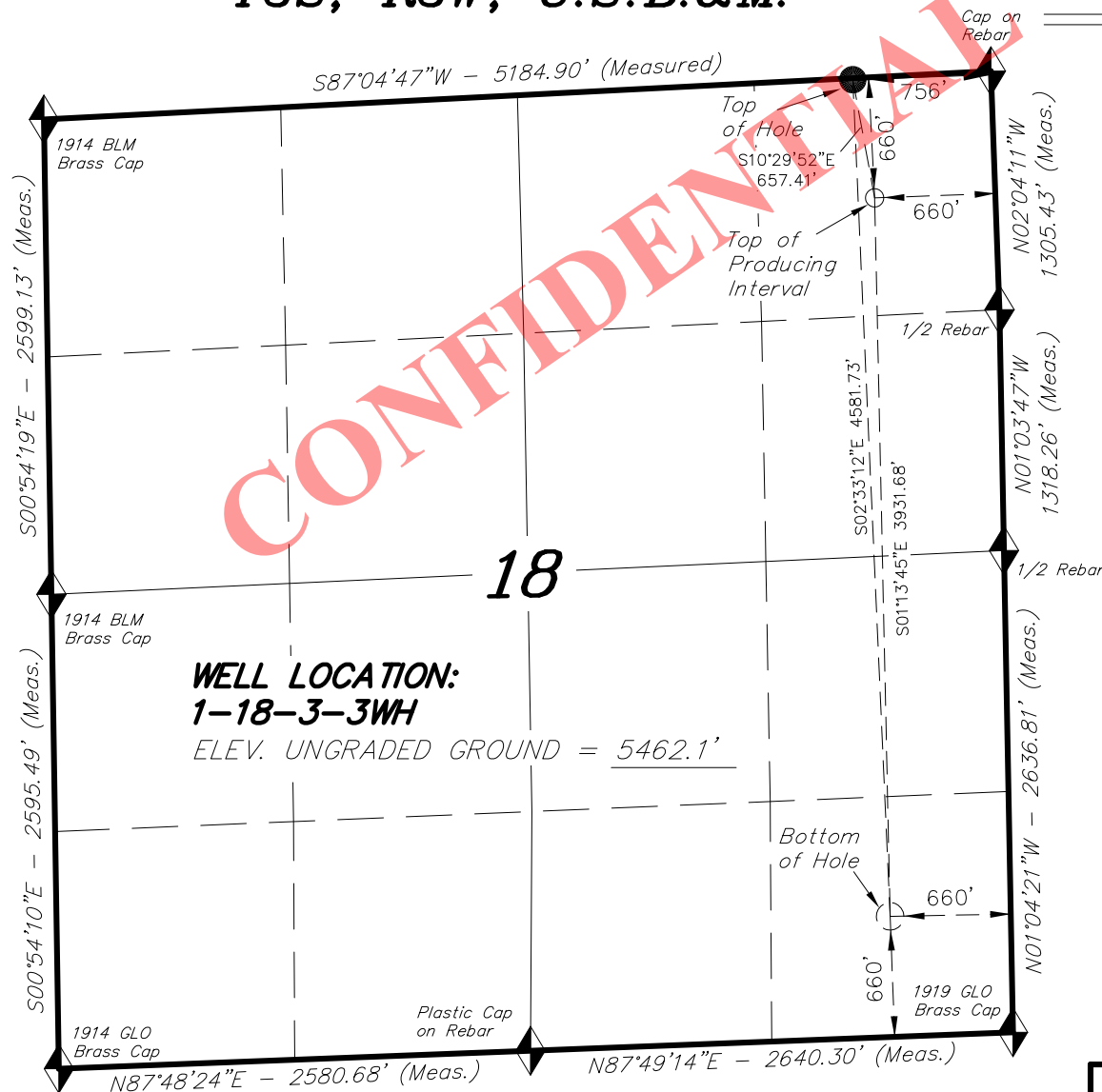
An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone. The pilot hole will be logged, and then plugged back in preparation for horizontal operations. Directional tools will then be used to build to 92.75 degrees inclination. The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat. A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be placed 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

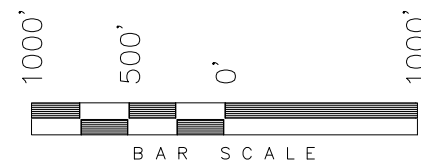
- Variance from Onshore Order #2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

T3S, R3W, U.S.B.&M.**NEWFIELD EXPLORATION COMPANY**

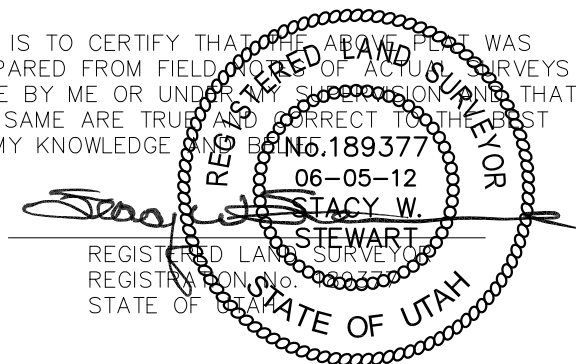
WELL LOCATION, 1-18-3-3WH, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 18, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 1-18-3-3WH, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 18, T3S, R3W, S.L.B.&M. DUCHESNE COUNTY, UTAH.

**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Top of Hole footages are 8' FNL & 756' FEL.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. $40^{\circ}04'09.56''$ LONG. $110^{\circ}00'43.28''$ (Tristate Aluminum Cap) Elev. 5281.57'




1-18-3-3WH
(Surface Location) NAD 83
 LATITUDE = $40^{\circ}13'43.08''$
 LONGITUDE = $110^{\circ}15'32.49''$

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

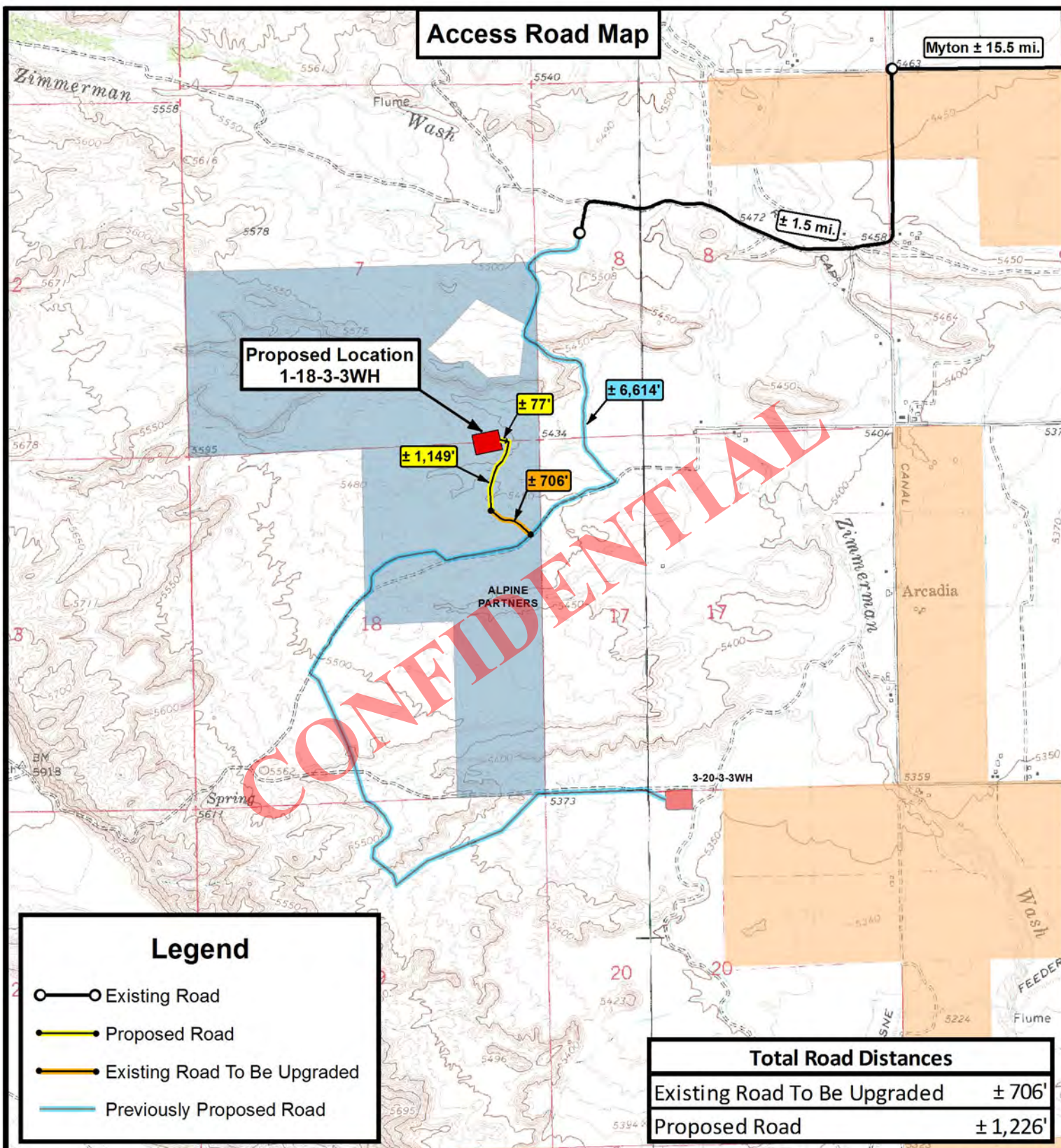
DATE SURVEYED: 04-05-12	SURVEYED BY: C.S.	VERSION:
DATE DRAWN: 04-12-12	DRAWN BY: M.W.	V1
REVISED: 06-05-12 L.K	SCALE: 1" = 1000'	

RECEIVED: August 27, 2012

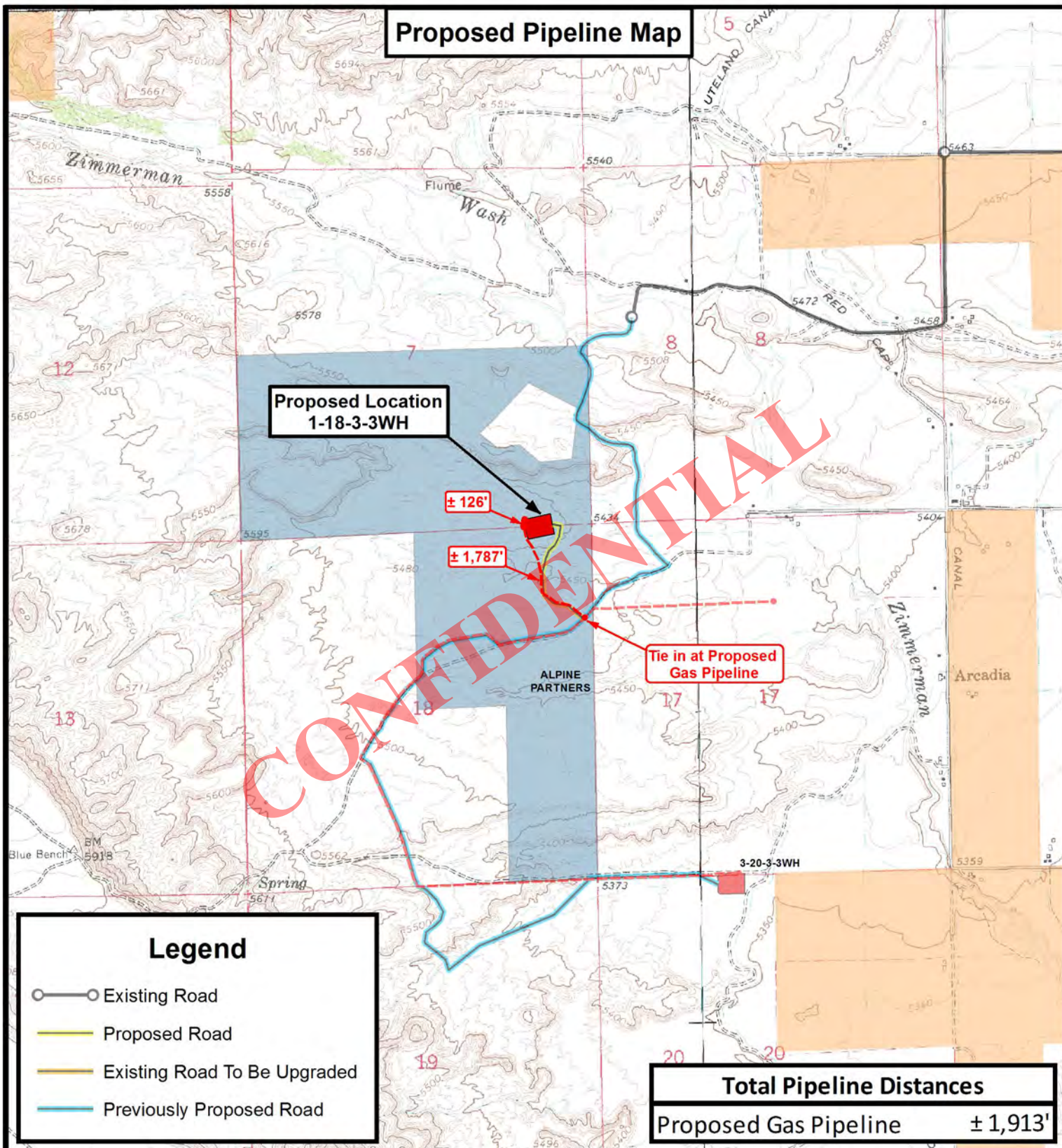
 <p style="text-align: right; margin-top: 10px;">P: (435) 781-2501 F: (435) 781-2518</p>		<p><u>NEWFIELD EXPLORATION COMPANY</u></p> <p>1-18-3-3WH</p> <p>SEC. 18, T3S, R3W, U.S.B.&M.</p> <p>Duchesne County, UT.</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DRAWN BY:</td> <td style="width: 20%;">D.C.R.</td> <td style="width: 20%;">REVISED: 06-05-12 A.P.C.</td> <td style="width: 40%;">VERSION:</td> </tr> <tr> <td>DATE:</td> <td>04-23-2012</td> <td></td> <td rowspan="2" style="text-align: center; font-size: x-large;">V1</td> </tr> <tr> <td>SCALE:</td> <td>1:100,000</td> <td></td> </tr> </table>	DRAWN BY:	D.C.R.	REVISED: 06-05-12 A.P.C.	VERSION:	DATE:	04-23-2012		V1	SCALE:	1:100,000			<p style="font-size: x-large;">TOPOGRAPHIC MAP</p>	<p style="font-size: small;">SHEET</p> <p style="font-size: x-large; color: red;">A</p>
DRAWN BY:	D.C.R.	REVISED: 06-05-12 A.P.C.	VERSION:											
DATE:	04-23-2012		V1											
SCALE:	1:100,000													

Access Road Map

Myton ± 15.5 mi.



Proposed Pipeline Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

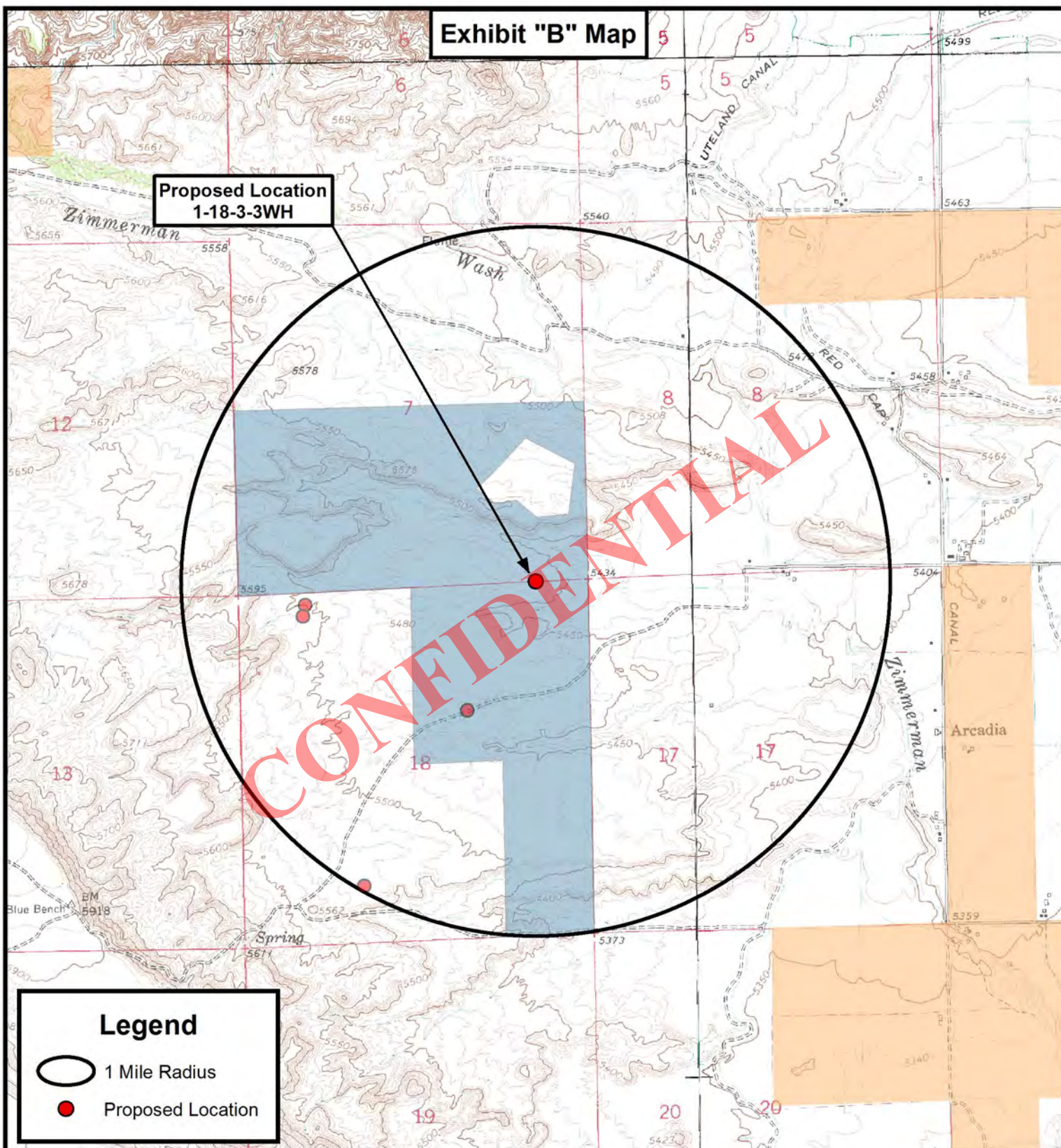
1-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	06-05-12 A.P.C.	VERSION:
DATE:	04-23-2012			V1
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET

C



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NEWFIELD EXPLORATION COMPANY

1-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	06-05-12 A.P.C.	VERSION:
DATE:	04-23-2012			V1
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET

D

NEWFIELD



NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

UTE TRIBAL 1-18-3-3WH

UTE TRIBAL 1-18-3-3WH

UTE TRIBAL 1-18-3-3WH

Plan: PLAN #1

Standard Planning Report

29 May, 2012

CONFIDENTIAL



Weatherford®

NEWFIELD

Project: DUCHESNE COUNTY, UT
 Site: UTE TRIBAL 1-18-3-3WH
 Well: UTE TRIBAL 1-18-3-3WH
 Wellbore: UTE TRIBAL 1-18-3-3WH
 Design: PLAN #1
 Latitude: 40° 13' 43.080 N
 Longitude: 110° 15' 32.490 W
 GL: 5462.10
 KB: KB @ 5480.10ft (PIONEER 62)

**Weatherford****WELLBORE TARGET DETAILS (LAT/LONG)**

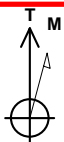
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL - UTE TRIBAL 1-18-3-3WH	9019.00	-4578.18	203.78	40° 12' 57.835 N	110° 15' 29.863 W	Point

WELL DETAILS: UTE TRIBAL 1-18-3-3WH

+N/-S	+E/-W	Northing	Ground Level: Easting	5462.10 Latitude	Longitude	Slot
0.00	0.00	7254409.48	1986891.62	40° 13' 43.080 N	110° 15' 32.490 W	

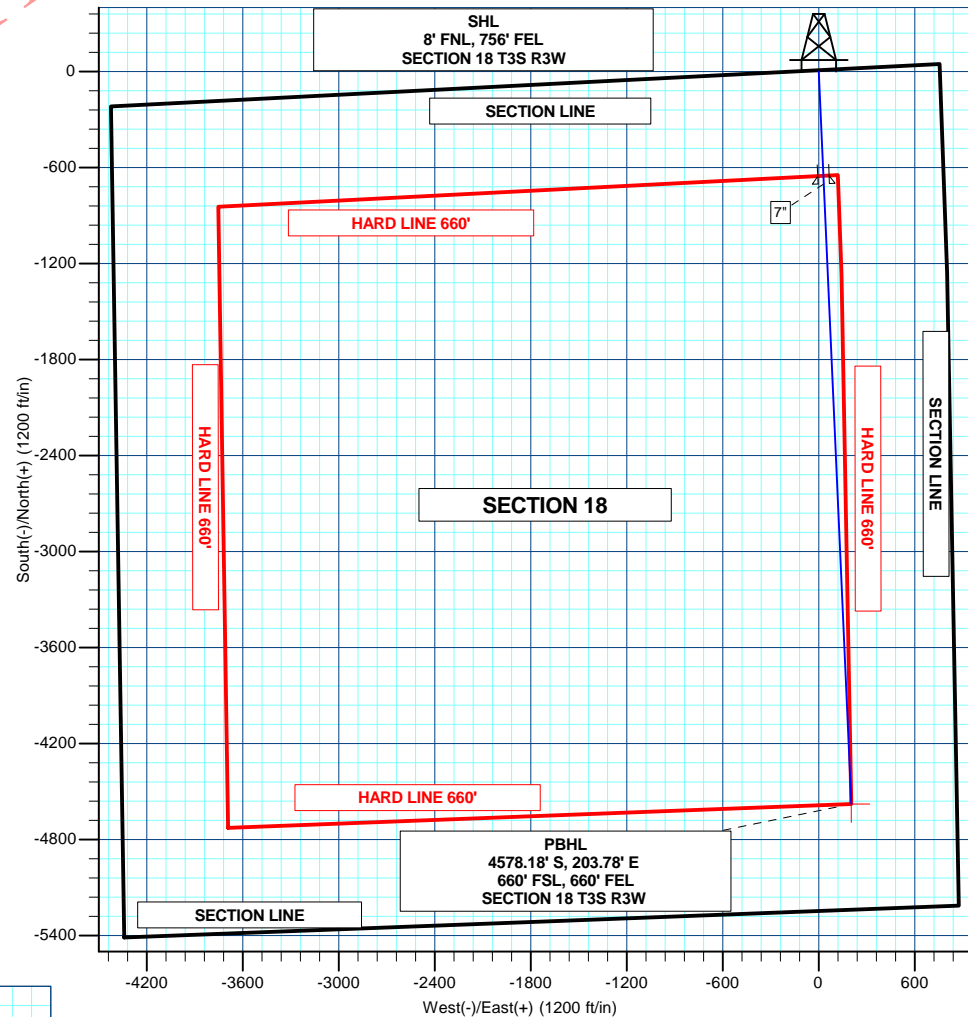
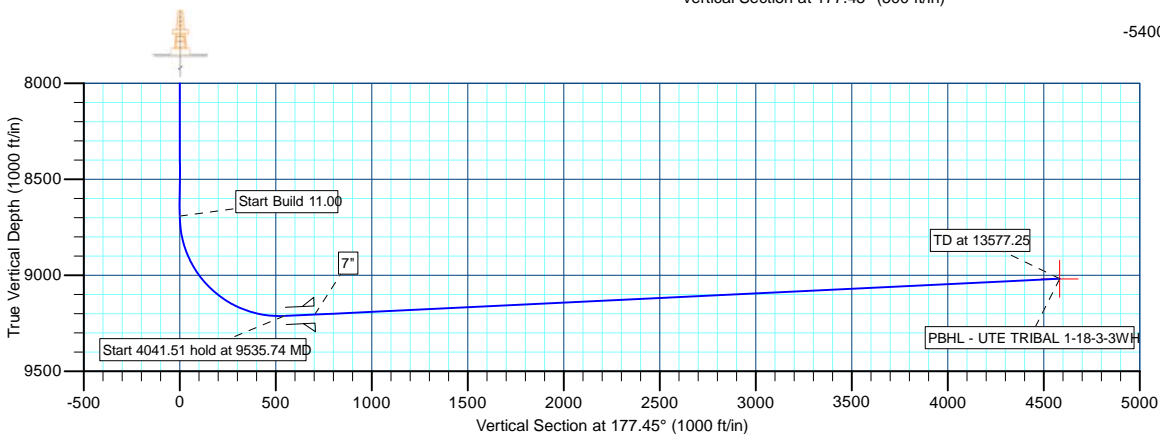
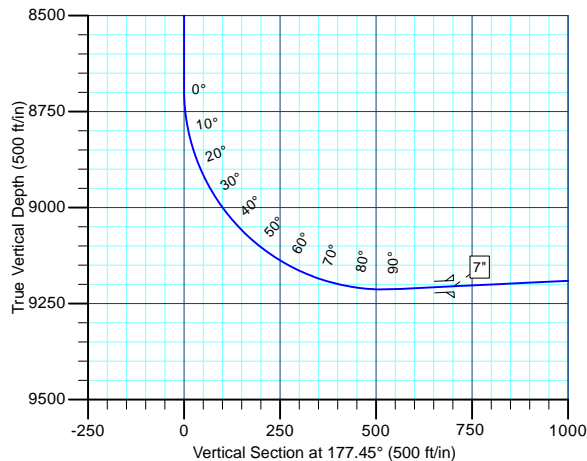
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8692.56	0.00	0.00	8692.56	0.00	0.00	0.00	0.00	0.00	Start Build 11.00
9535.74	92.75	177.45	9212.83	-545.31	24.27	11.00	177.45	545.85	Start 4041.51 hold at 9535.74 MD
13577.25	92.75	177.45	9019.00	-4578.18	203.78	0.00	0.00	4582.71	TD at 13577.25



Azimuths to True North
 Magnetic North: 11.34°

Magnetic Field
 Strength: 52190.2snT
 Dip Angle: 65.86°
 Date: 5/29/2012
 Model: BGGM2011



Plan: PLAN #1 (UTE TRIBAL 1-18-3-3WH/UTE TRIBAL 1-18-3-3WH)

Created By: MATT MAYDEW

Date: 15:05, May 29 2012



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5480.10ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5480.10ft (PIONEER 62)
Site:	UTE TRIBAL 1-18-3-3WH	North Reference:	True
Well:	UTE TRIBAL 1-18-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 1-18-3-3WH		
Design:	PLAN #1		

Project	DUCHESNE COUNTY, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site		UTE TRIBAL 1-18-3-3WH			
Site Position:		Northing:	7,254,409.48 usft	Latitude:	40° 13' 43.080 N
From:	Lat/Long	Easting:	1,986,891.62 usft	Longitude:	110° 15' 32.490 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16"	Grid Convergence:	0.79 °

Well		UTE TRIBAL 1-18-3-3WH				
Well Position	+N/-S	0.00 ft	Northing:	7,254,409.48 usft	Latitude:	40° 13' 43.080 N
	+E/-W	0.00 ft	Easting:	1,986,891.62 usft	Longitude:	110° 15' 32.490 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,462.10 ft

Wellbore	UTE TRIBAL 1-18-3-3WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	5/29/2012	11.34	65.86	52,190

Design	PLAN #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	177.45

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,692.56	0.00	0.00	8,692.56	0.00	0.00	0.00	0.00	0.00	0.00	
9,535.74	92.75	177.45	9,212.83	-545.31	24.27	11.00	11.00	0.00	177.45	
13,577.25	92.75	177.45	9,019.00	-4,578.18	203.78	0.00	0.00	0.00	0.00	PBHL - UTE TRIBAL



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-3-WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5480.10ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5480.10ft (PIONEER 62)
Site:	UTE TRIBAL 1-18-3-WH	North Reference:	True
Well:	UTE TRIBAL 1-18-3-WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 1-18-3-WH		
Design:	PLAN #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-3-WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5480.10ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5480.10ft (PIONEER 62)
Site:	UTE TRIBAL 1-18-3-WH	North Reference:	True
Well:	UTE TRIBAL 1-18-3-WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 1-18-3-WH		
Design:	PLAN #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 11.00									
8,692.56	0.00	0.00	8,692.56	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.82	177.45	8,700.00	-0.05	0.00	0.05	11.00	11.00	0.00
8,800.00	11.82	177.45	8,799.24	-11.03	0.49	11.04	11.00	11.00	0.00
8,900.00	22.82	177.45	8,894.56	-40.72	1.81	40.76	11.00	11.00	0.00
9,000.00	33.82	177.45	8,982.46	-88.04	3.92	88.13	11.00	11.00	0.00
9,100.00	44.82	177.45	9,059.70	-151.24	6.73	151.39	11.00	11.00	0.00
9,200.00	55.82	177.45	9,123.46	-228.01	10.15	228.23	11.00	11.00	0.00
9,300.00	66.82	177.45	9,171.38	-315.52	14.04	315.83	11.00	11.00	0.00
9,400.00	77.82	177.45	9,201.70	-410.55	18.27	410.96	11.00	11.00	0.00
9,500.00	88.82	177.45	9,213.32	-509.62	22.68	510.13	11.00	11.00	0.00
Start 4041.51 hold at 9535.74 MD									
9,535.74	92.75	177.45	9,212.83	-545.31	24.27	545.85	11.00	11.00	0.00
9,600.00	92.75	177.45	9,209.75	-609.44	27.13	610.04	0.00	0.00	0.00
7"									
9,692.76	92.75	177.45	9,205.30	-702.00	31.25	702.70	0.00	0.00	0.00
9,700.00	92.75	177.45	9,204.96	-709.23	31.57	709.93	0.00	0.00	0.00
9,800.00	92.75	177.45	9,200.16	-809.01	36.01	809.81	0.00	0.00	0.00
9,900.00	92.75	177.45	9,195.36	-908.80	40.45	909.70	0.00	0.00	0.00
10,000.00	92.75	177.45	9,190.57	-1,008.58	44.89	1,009.58	0.00	0.00	0.00



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5480.10ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5480.10ft (PIONEER 62)
Site:	UTE TRIBAL 1-18-3-3WH	North Reference:	True
Well:	UTE TRIBAL 1-18-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 1-18-3-3WH		
Design:	PLAN #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,100.00	92.75	177.45	9,185.77	-1,108.37	49.33	1,109.47	0.00	0.00	0.00
10,200.00	92.75	177.45	9,180.98	-1,208.16	53.78	1,209.35	0.00	0.00	0.00
10,300.00	92.75	177.45	9,176.18	-1,307.94	58.22	1,309.24	0.00	0.00	0.00
10,400.00	92.75	177.45	9,171.38	-1,407.73	62.66	1,409.12	0.00	0.00	0.00
10,500.00	92.75	177.45	9,166.59	-1,507.52	67.10	1,509.01	0.00	0.00	0.00
10,600.00	92.75	177.45	9,161.79	-1,607.30	71.54	1,608.89	0.00	0.00	0.00
10,700.00	92.75	177.45	9,156.99	-1,707.09	75.98	1,708.78	0.00	0.00	0.00
10,800.00	92.75	177.45	9,152.20	-1,806.87	80.43	1,808.66	0.00	0.00	0.00
10,900.00	92.75	177.45	9,147.40	-1,906.66	84.87	1,908.55	0.00	0.00	0.00
11,000.00	92.75	177.45	9,142.61	-2,006.45	89.31	2,008.43	0.00	0.00	0.00
11,100.00	92.75	177.45	9,137.81	-2,106.23	93.75	2,108.32	0.00	0.00	0.00
11,200.00	92.75	177.45	9,133.01	-2,206.02	98.19	2,208.20	0.00	0.00	0.00
11,300.00	92.75	177.45	9,128.22	-2,305.80	102.63	2,308.09	0.00	0.00	0.00
11,400.00	92.75	177.45	9,123.42	-2,405.59	107.08	2,407.97	0.00	0.00	0.00
11,500.00	92.75	177.45	9,118.63	-2,505.38	111.52	2,507.86	0.00	0.00	0.00
11,600.00	92.75	177.45	9,113.83	-2,605.16	115.96	2,607.74	0.00	0.00	0.00
11,700.00	92.75	177.45	9,109.03	-2,704.95	120.40	2,707.63	0.00	0.00	0.00
11,800.00	92.75	177.45	9,104.24	-2,804.73	124.84	2,807.51	0.00	0.00	0.00
11,900.00	92.75	177.45	9,099.44	-2,904.52	129.28	2,907.40	0.00	0.00	0.00
12,000.00	92.75	177.45	9,094.65	-3,004.31	133.73	3,007.28	0.00	0.00	0.00
12,100.00	92.75	177.45	9,089.85	-3,104.09	138.17	3,107.17	0.00	0.00	0.00
12,200.00	92.75	177.45	9,085.05	-3,203.88	142.61	3,207.05	0.00	0.00	0.00
12,300.00	92.75	177.45	9,080.26	-3,303.67	147.05	3,306.94	0.00	0.00	0.00
12,400.00	92.75	177.45	9,075.46	-3,403.45	151.49	3,406.82	0.00	0.00	0.00
12,500.00	92.75	177.45	9,070.67	-3,503.24	155.93	3,506.71	0.00	0.00	0.00
12,600.00	92.75	177.45	9,065.87	-3,603.02	160.37	3,606.59	0.00	0.00	0.00
12,700.00	92.75	177.45	9,061.07	-3,702.81	164.82	3,706.48	0.00	0.00	0.00
12,800.00	92.75	177.45	9,056.28	-3,802.60	169.26	3,806.36	0.00	0.00	0.00
12,900.00	92.75	177.45	9,051.48	-3,902.38	173.70	3,906.25	0.00	0.00	0.00
13,000.00	92.75	177.45	9,046.69	-4,002.17	178.14	4,006.13	0.00	0.00	0.00
13,100.00	92.75	177.45	9,041.89	-4,101.95	182.58	4,106.02	0.00	0.00	0.00
13,200.00	92.75	177.45	9,037.09	-4,201.74	187.02	4,205.90	0.00	0.00	0.00
13,300.00	92.75	177.45	9,032.30	-4,301.53	191.47	4,305.79	0.00	0.00	0.00
13,400.00	92.75	177.45	9,027.50	-4,401.31	195.91	4,405.67	0.00	0.00	0.00
13,500.00	92.75	177.45	9,022.70	-4,501.10	200.35	4,505.56	0.00	0.00	0.00
TD at 13577.25 - PBHL - UTE TRIBAL 1-18-3-3WH									
13,577.25	92.75	177.45	9,019.00	-4,578.18	203.78	4,582.71	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL - UTE TRIBAL 1-1	0.00	0.00	9,019.00	-4,578.18	203.78	7,249,834.57	1,987,158.89	40° 12' 57.835 N	110° 15' 29.863 W
- plan hits target center									
- Point									



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5480.10ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5480.10ft (PIONEER 62)
Site:	UTE TRIBAL 1-18-3-3WH	North Reference:	True
Well:	UTE TRIBAL 1-18-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 1-18-3-3WH		
Design:	PLAN #1		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
9,692.76	9,205.30	7"	7	8-3/4	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
8,692.56	8,692.56	0.00	0.00	Start Build 11.00	
9,535.74	9,212.83	-545.31	24.27	Start 4041.51 hold at 9535.74 MD	
13,577.25	9,019.00	-4,578.18	203.78	TD at 13577.25	

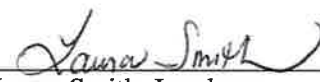
CONFIDENTIAL

AFFIDAVIT OF SURFACE OWNERSHIP AND SURFACE USE

Laura Smith personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Laura Smith. I am a Landman for Newfield RMI LLC ("Newfield RMI"), whose address is 1001 17th Street, Suite 2000, Denver, CO 80202.
2. Pursuant to that certain Special Warranty Deed dated June 20, 2012 from Alpine Partners, a Utah General Partnership, to Newfield RMI, recorded in Book A649, Page 533, and Document # 446789 of the official records of Duchesne County, Utah. Newfield RMI is the surface owner of the lands described on the attached Exhibit "A".
3. Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202, is the Operator of the proposed wells listed on Exhibit "B".
4. Newfield Production Company has the right to construct and operate the necessary easements, rights-of-way, drillsites and wells that are located on the lands described on the attached Exhibit "A".

FURTHER AFFIANT SAYETH NOT.



Laura Smith, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO §
CITY AND §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 3rd day of July, 2012, personally appeared Laura Smith, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC

My Commission Expires:

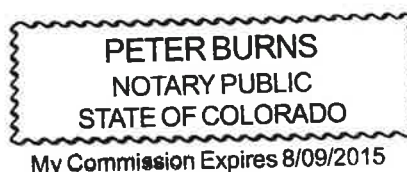


Exhibit "A"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Lands included in the Affidavit of Surface Ownership are further described as follows:

The "Lands"

Township 2 South, Range 3 West (980.00 acres)

Section 29: S½SW, NESW

Section 31: S½, S½NE

Section 32: W½, SWNE, W½SE, S½SESE

Township 2 South, Range 4 West (740.00 acres)

Section 34: S½SESW, SE

Section 35: S½, NE

Section 36: S½SW

Township 3 South, Range 3 West (2,277.87 acres)

Section 5: N½NE, NW, N½SW, SWSW, W½SESW

Section 6: All

Section 7: All

Section 8: W½W½SW, N½NW, Beginning at the West quarter corner of said Section 8; thence North 0°38'46" West 1,318.41 feet to the Northwest corner of the South half of the Northwest quarter; thence North 88°13'17" East 2,650.54 feet, to the Northeast quarter of the South half of the Northwest quarter; thence South 0°55'29" East 662.49 feet, to the Southeast corner of the Northeast quarter of the Southeast quarter of the Northwest quarter; thence North 85°22' West 1,871.00 feet; thence South 11°25' West 605.62 feet; thence South 0°41'34" East 276.77 feet to the Southeast corner of the Southwest quarter of the Southwest quarter of the Northwest quarter; thence South 88°21'56" West 664.21 feet, to the point of beginning.

Section 17: N½NWNW, SWNWNW

Section 18: NENW, NE, E½SE, E½SW, E½NWSW, S½NW

Township 3 South, Range 4 West (2,680.36 acres)

Section 1: N½N½, SENW, S½NE, SE, SESW

Section 2: All

Section 3: N½N½, SENW, S½NE, NWSE, N½NESE

Section 11: N½NW, NE, SENW

Section 12: All

Section 13: N½

LESS AND EXCEPT that certain tract of land referred to as the "Oil Pond" consisting of approximately 24.17 acres m/l, and further described as follows:

Commencing at the Southeast corner of Section 7, Township 3 South, Range 3 West of the Uintah Special Base and Meridian; thence North 0°36'34" West 1724.05 feet along the East line of said section; thence West 159.51 feet to the True point of beginning; thence running South 8°57'49" West 758.59 feet; thence South 87°13'57" West 479.90 feet; thence North 48°33'06" West 398.50 feet; thence South 82°50'37" West 321.82 feet; thence North 49°00'01" West 358.70 feet; thence North 49°50'42" East 306.66 feet; thence North 45°33'40" East 727.75 feet; thence South 61°36'00" East 830.71 feet to the True point of beginning.

Covering approximately 6,678.23 acres of land, more or less, in Duchesne County, Utah.

Exhibit "B"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Wells included in the Affidavit of Surface Ownership and Surface Use are further described as follows:

UT 1-18-3-3WH

Drillsite located in the NENE of Section 18, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah.

Lois 9-34-2-4W

Drillsite located in the NESE of Section 34, Township 2 South, Range 4 West, Duchesne County, Utah.

UT 1-2-3-4WH

Drillsite located in the NENE of Section 2, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-6-3-3WH

Drillsite located in both the NENE of Section 6, Township 3 South, Range 3 West and the NWNE of Section 6, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 6 Township 3 South, Range 3 West, Duchesne County, Utah.

UT 1-11-3-4WH

Drillsite located in the SESE of Section 2, Township 3 South, Range 4 West, with a well bore point of entry in the NENE of Section 11, Township 3 South, Range 4 West and a bottom hole location in the SESE of Section 11, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-12-3-4WH

Drillsite located in the NWNE of Section 12, Township 3 South, Range 4 West, with a wellbore point of entry in the NENE of Section 12, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 12, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-1-3-4WH

Drillsite located in both the NWNW of Section 1, Township 3 South, Range 4 West, and the SWSW of Section 36, Township 2 South, Range 4 West, with a bottom hole location in the SWSW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-2-3-4WH

Drillsite located in the NWNW of Section 2, Township 3 South, Range 4 West, with a bottom hole location in the SWSW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-5-3-3WH

Drillsite located in the NWNW of Section 5, Township 3 South, Range 3 West, with a bottom hole location in the SWSW of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-6-3-3WH

Drillsite located in both the NENW of Section 6, Township 3 South, Range 3 West, and the NWNW of Section 6, Township 3 South, Range 3 West, with a well bore point of entry in the NWNW of Section 6, Township 3 South, Range 3 West, and a bottom hole location in the SWSW of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-32-2-3WH

Drillsite located in both the NWNW of Section 32, Township 2 South, Range 3 West, and the SWSW of Section 29, Township 2 South, Range 3 West, with a well bore point of entry in the NWNW of Section 32, Township 2 South, Range 3 West, and a bottom hole location in the SWSW of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

Exhibit "B" continued

UT 7-1-3-4W

Drillsite located in the SWNE of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-2-3-4W

Drillsite located in the SWNE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-6-3-3W

Drillsite located in the SWNE of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 10-31-2-3W

Drillsite located in both the NWSE of Section 31, Township 2 South, Range 3 West, and the SWNE of Section 31, Township 2 South, Range 3 West, with a bottom hole location in the NWSE of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 7-32-2-3W

Drillsite located in both the SENE of Section 32, Township 2 South, Range 3 West, and the SWNE of Section 32, Township 2 South, Range 3 West, with a bottom hole location in the SWNE of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 12-7-3-3W

Drillsite located in both the SWNW of Section 7, Township 3 South, Range 3 West, and the NWSW of Section 7, Township 3 South, Range 3 West, with a bottom hole location in the NWSW of Section 7, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 13-31-2-3W

Drillsite located in the SWSW of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 14-1-3-4W

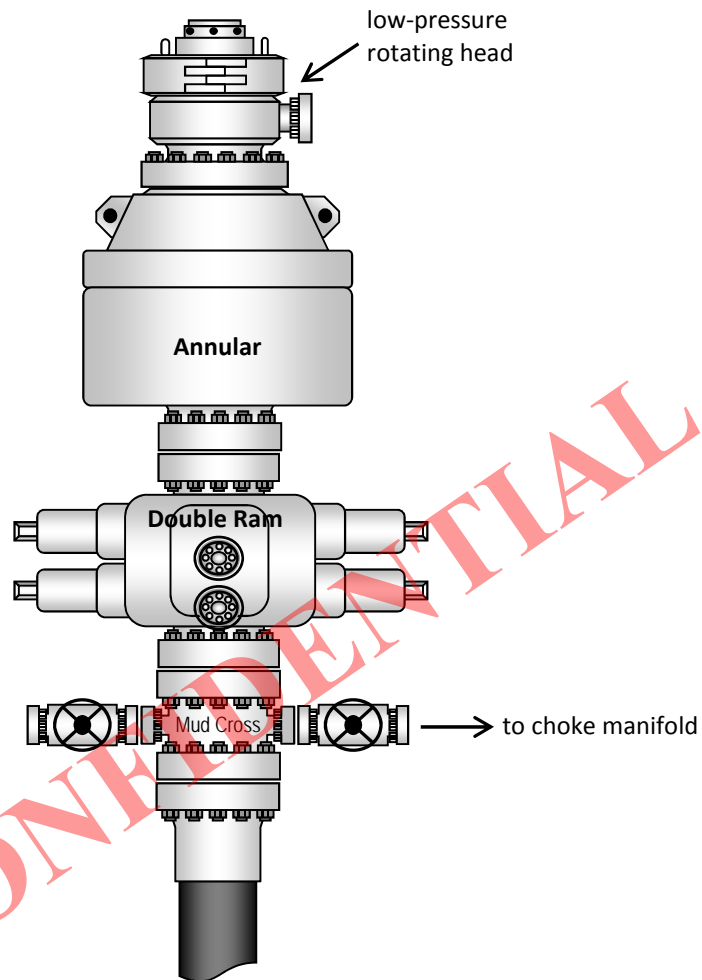
Drillsite located in the SESW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 14-2-3-4W

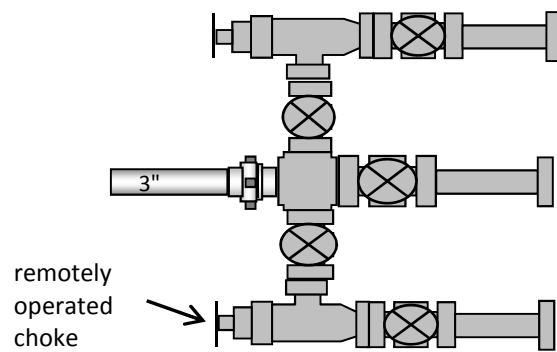
Drillsite located in the SESW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

CONFIDENTIAL

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration





August 22, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Ute Tribal 1-18-3-WH**
Section 18, T3S, R3W
Duchesne County, Utah

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the Ute Tribal 1-18-3-WH from a surface location of 8' FNL & 756' FEL of Section 18, T3S, R3W. Newfield shall case and cement the Ute Tribal 1-18-3-WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL & 660' FEL of Section 18, T3S, R3W. The cased and cemented portion of the wellbore shall not be perforated nor produced. Newfield and its partners own 100% working interest in the northern offset (Section 7, T3S-R3W). In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

The proposed horizontal lateral of the Ute Tribal 1-18-3-WH shall be drilled from north to south along the 660' FEL of Section 18 legal setback to a bottom hole location 660' FEL & 660' FSL of Section 18 and inasmuch, portions of the wellbore will be closer than 1320' from the proposed Ute Tribal 7-18-3-W wellbore. The Ute Tribal 7-18-3-W is scheduled to spud October of 2012. Please be advised that the Ute Tribal 7-18-3-W shall not be completed in the Uteland Butte, and the Ute Tribal 1-18-3-WH will only be completed in the Uteland Butte.

In the event the horizontal lateral drifts east, this letter shall serve as consent to the exception location, Newfield is the operator of the McKenna 1-17-3-WH, located in Section 17, T3S, R3W.

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Ute Tribal 1-18-3-WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-685-8025 or by email at jdembeck@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink that reads "Jessica K. Dembeck".

Jessica K. Dembeck
Land Associate

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

1-18-3-3WH (Proposed Well)

Pad Location: NENE Section 18, T3S, R3W, U.S.B.&M.

TOP HOLE FOOTAGES

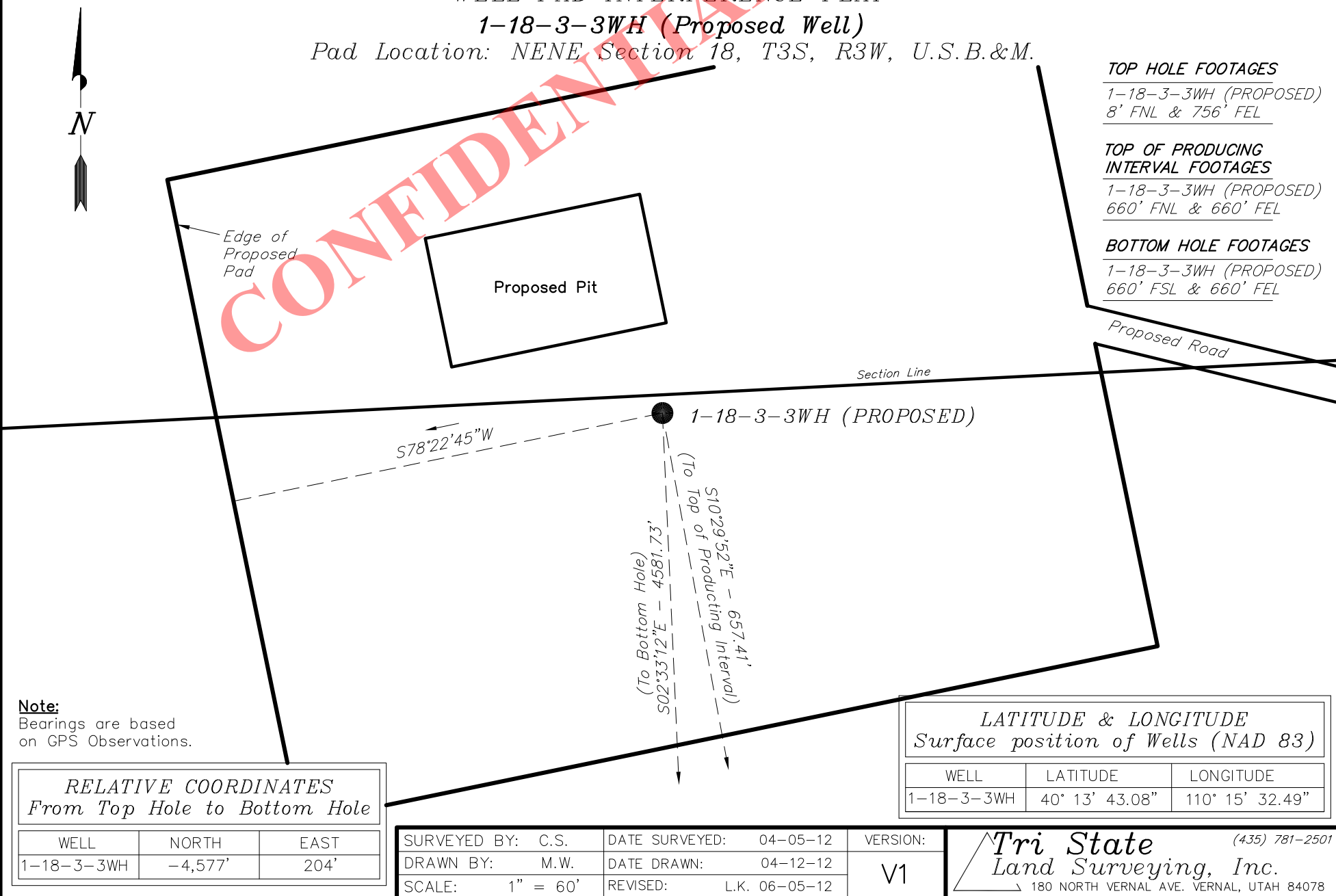
1-18-3-3WH (PROPOSED)
8' FNL & 756' FEL

TOP OF PRODUCING INTERVAL FOOTAGES

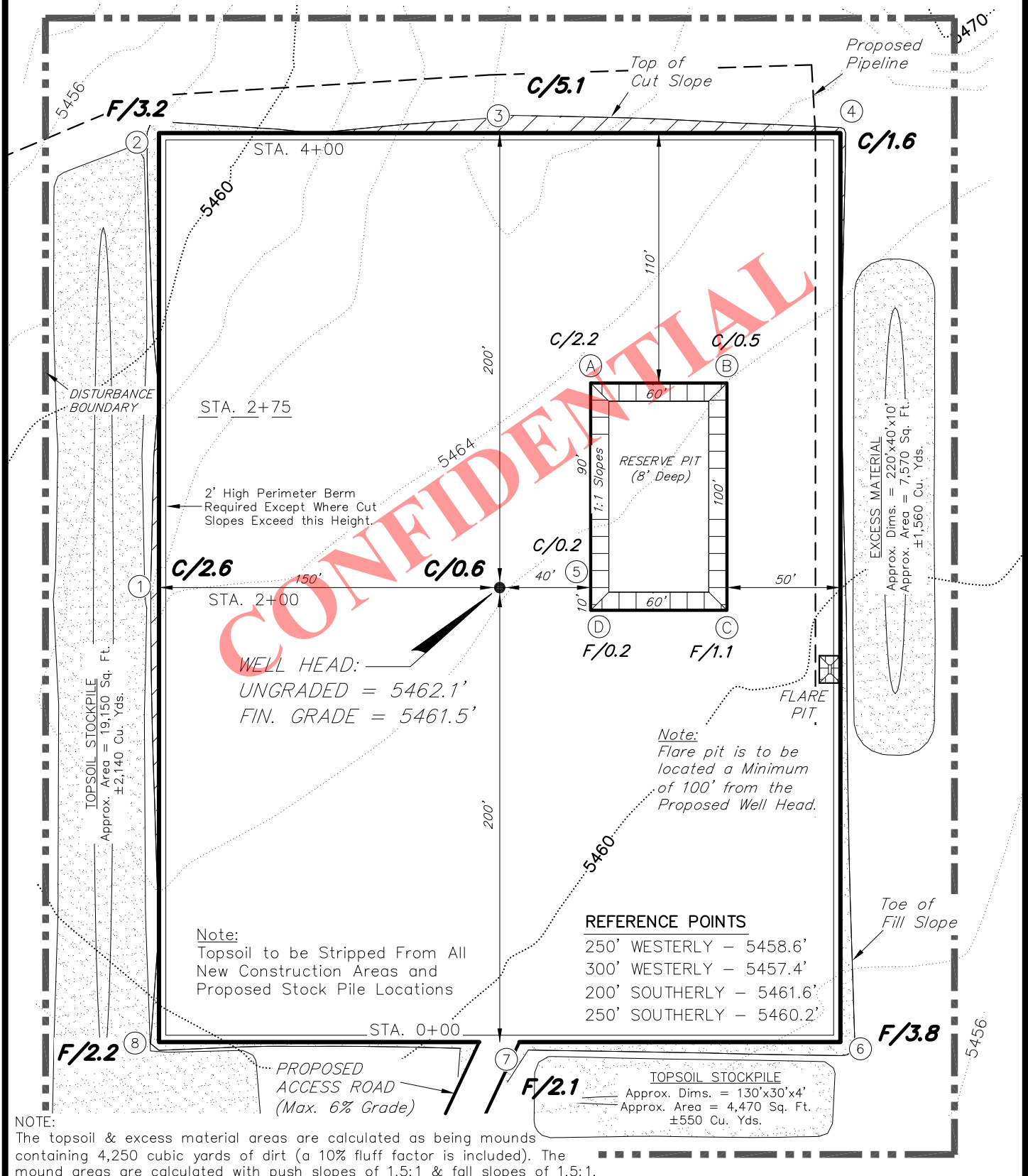
1-18-3-3WH (PROPOSED)
660' FNL & 660' FEL

BOTTOM HOLE FOOTAGES

1-18-3-3WH (PROPOSED)
660' FSL & 660' FEL



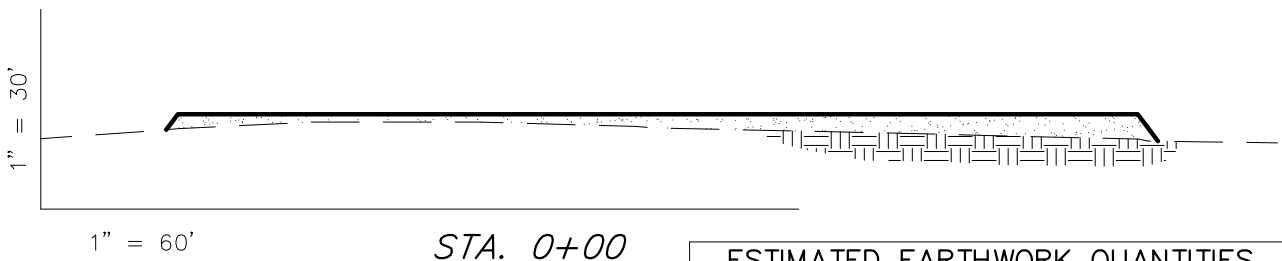
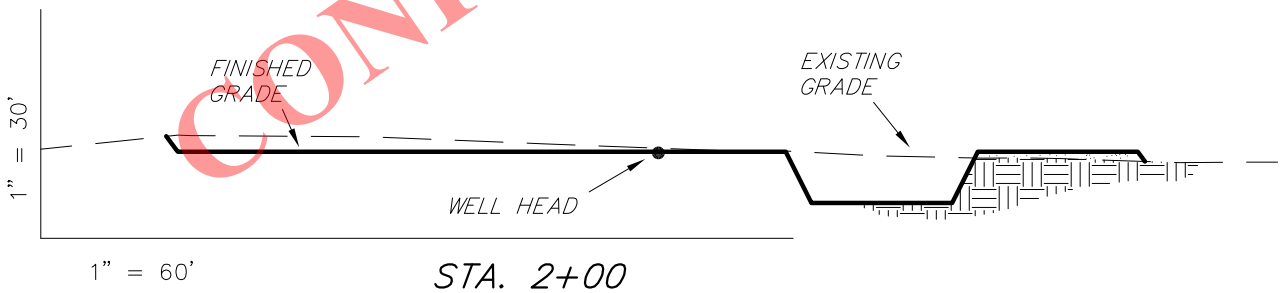
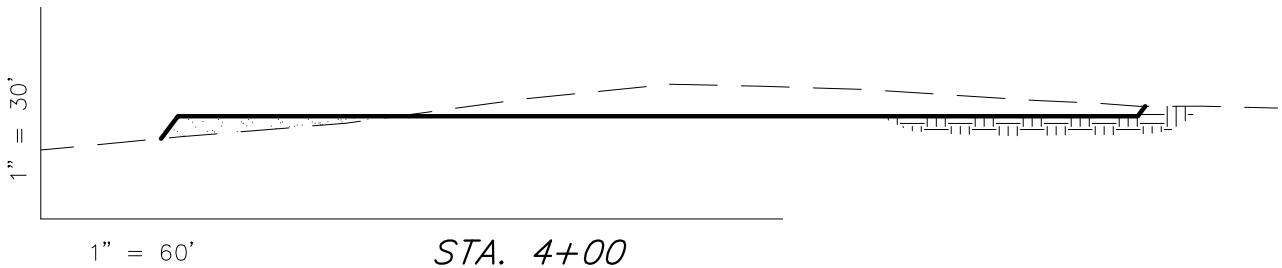
RECEIVED: August 27, 2012

NEWFIELD EXPLORATION COMPANY**PROPOSED LOCATION LAYOUT****1-18-3-3WH***Pad Location: NENE Section 18, T3S, R3W, U.S.B.&M.*

SURVEYED BY: C.S.	DATE SURVEYED: 04-05-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 04-13-12	V1
SCALE: 1" = 60'	REVISED: L.K. 06-05-12	

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 27, 2012

NEWFIELD EXPLORATION COMPANY**CROSS SECTIONS****1-18-3-3WH***Pad Location: NENE Section 18, T3S, R3W, U.S.B.&M.*

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

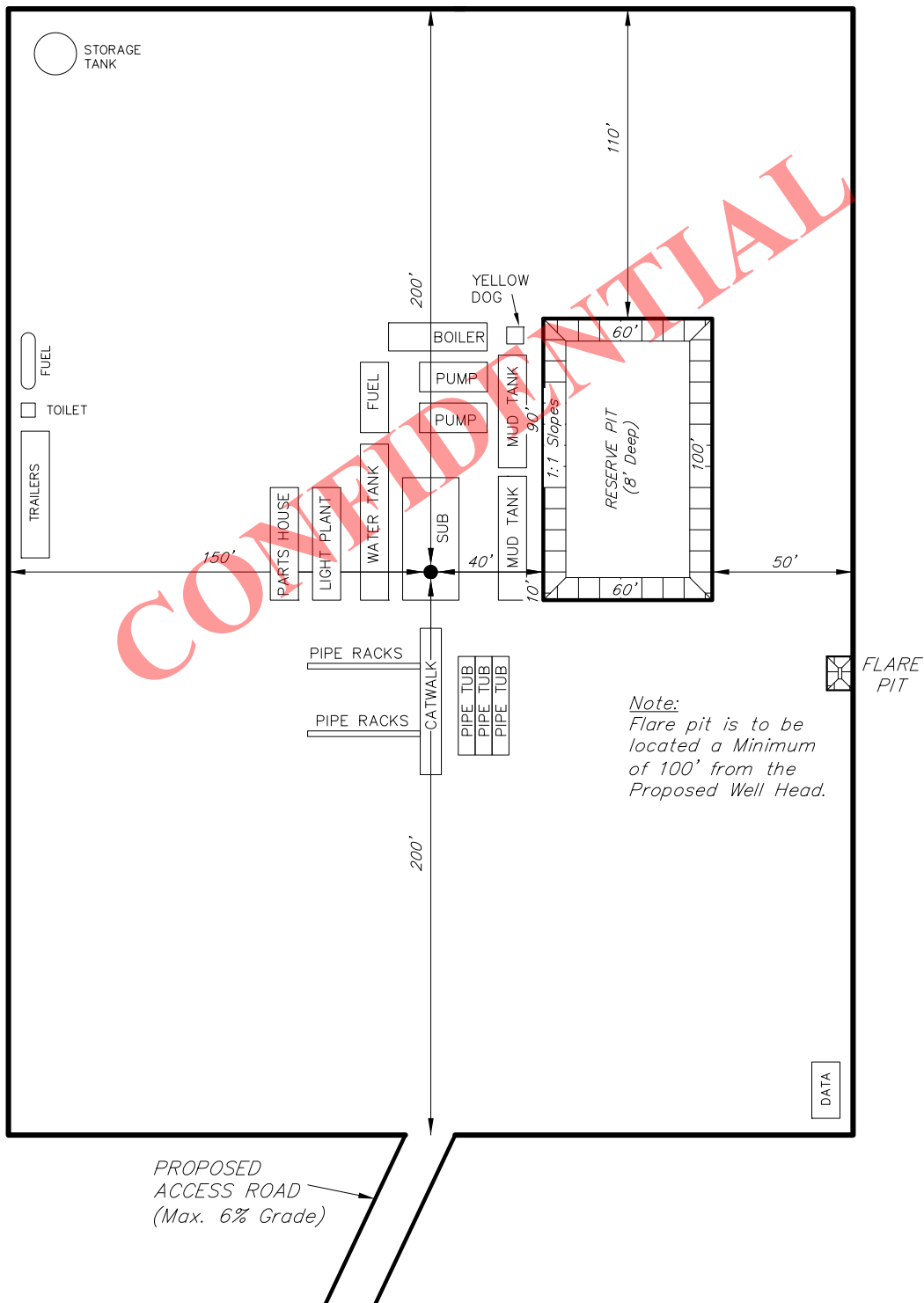
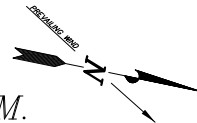
ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,670	3,670	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	5,090	3,670	2,450	1,420

SURVEYED BY: C.S.	DATE SURVEYED: 04-05-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 04-13-12	V1
SCALE: 1" = 60'	REVISED: L.K. 06-05-12	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

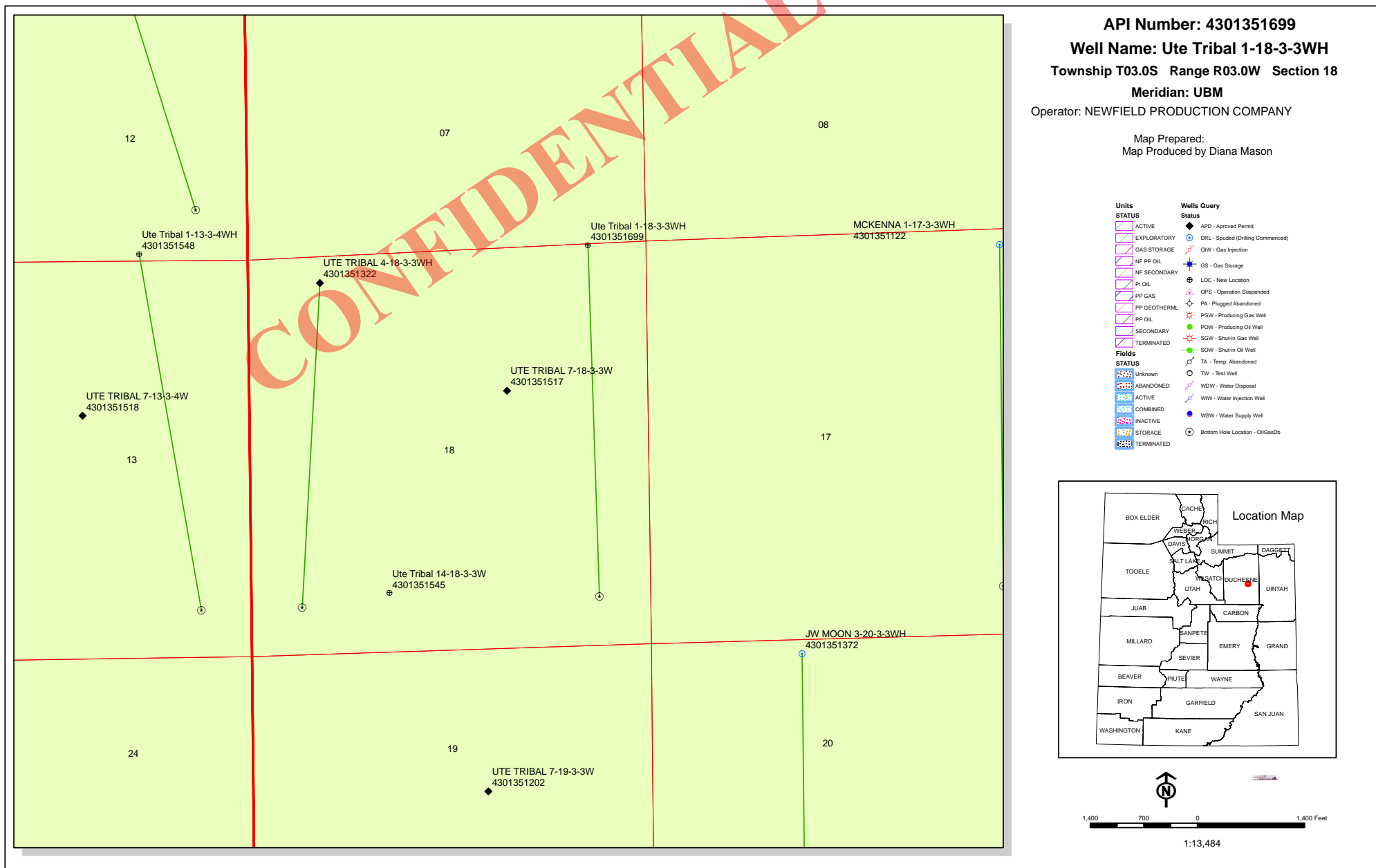
RECEIVED: August 27, 2012

NEWFIELD EXPLORATION COMPANY**TYPICAL RIG LAYOUT****1-18-3-3WH***Pad Location: NENE Section 18, T3S, R3W, U.S.B.&M.*

SURVEYED BY: C.S.	DATE SURVEYED: 04-05-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 04-13-12	V1
SCALE: 1" = 60'	REVISED: L.K. 06-05-12	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 27, 2012



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Ute Tribal 1-18-3-3WH
API Number 43013516990000 **APD No** 6715 **Field/Unit** WILDCAT
Location: 1/4,1/4 NENE **Sec** 18 **Tw** 3.0S **Rng** 3.0W 8 **FNL** 756 **FEL**
GPS Coord (UTM) 563037 4453399 **Surface Owner** Newfield RMI LLC

Participants

Tim Eaton, Zander McIntyre, Forrest Bird - Newfield; Sheri Wysong - BLM

Regional/Local Setting & Topography

The proposed action is in the Arcadia area in Duchesne County in a river floodplain down gradient of a playa in an ancient river floodplain, incised into uneven surfaces, below and north of the eastern portion of the Blue Bench. The city of Duchesne can be found approximately 5 miles West with Sand Wash Reservoir 4 miles North. The area is characterized by clayey sandy soils with slopes >> 6%, surrounded by terracing and benches of several different elevations capped by sandstone cliffs over highly erodible soils consistent with river floodplain profiles. The occasional Butte can also be found. Rilling and erosional features, with evidence of recent overland flow, is found within the location boundaries leading to an adjacent wetland and washes border both the north and the southern sides. The area regionally is criss-crossed with numerous canals and associated laterals from the Lake Fork and Duchesne Rivers and Lake Boreham. The area has long been used for farming and ranching operations and has recently seen increasing development for petroleum extraction. The Zimmerman wash and the wetlands / irrigation storage ponds some of which are known as Granita Park and an assortment of springs are found within a one mile radius.

Surface Use Plan

Current Surface Use
Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.365	Width 300 Length 400	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands Y

Known and mapped wetland immediately adjacent

Flora / Fauna

High desert shrubland ecosystem. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation;

Thick galleta, snake broom weed and black sage surround the proposed site.

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed. Yucca spp with characteristics of and habitat for Y. Sterilis (a TES species) observed nearby

Soil Type and Characteristics

Bad land like light colored and fluffy clays with minor angular gravelly clasts.

Erosion Issues Y

Soils are highly erodible and present a threat under heavy precipitation events

Sedimentation Issues Y

Methods (BMP's) needed to protect slopes

Site Stability Issues Y

A high water table is very likely to be found onsite. stability issues are likely

Drainage Diversion Required? N

Berm Required? Y

Erosion Sedimentation Control Required? Y

Location situated adjacent 2 drainages leading to wetlands both East and South of location

Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)		20
Distance to Surface Water (feet)	200 to 300	10
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		50 1 Sensitivity Level

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of shallow fill on the northwest side of the location. A pit liner is required. Newfield commonly uses a 30 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete. Drilling for surface casing should use fresh water aor a closed loop system due to high water table neccessitating the pit be lined before ANY drilling.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Access road need to be moved

Playa west of site

riparian South of site in channel from playa to wetlands on East of site

High water table common in area

Chris Jensen
Evaluator

9/12/2012
Date / Time

CONFIDENTIAL

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6715	43013516990000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Newfield RMI LLC	
Well Name	Ute Tribal 1-18-3-3WH		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NENE 18 3S 3W U 8 FNL 756 FEL GPS Coord (UTM) 563044E 4453397N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

11/1/2012
Date / Time

Surface Statement of Basis

Location is proposed in a location outside the spacing window. Access road enters the pad from the East. As submitted the access road will cross or enter a wetland. Operator is advised to relocate the road. The Operator is, in this case, the landowner and its representative was in attendance for the pre-site inspection.

The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Wetlands are found adjacent and down gradient very near the pad footprint.

Due to the high water table and soil type, the construction standards of the Operator do NOT appear to be adequate for the proposed purpose as the Operator has NO plans for importing materials, using a geogrid or compacting native soils to improve stability. Fill slopes are planned under areas planned to support a bank of storage tanks and the drilling rig. Operator has no plans for protection of slopes.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A wetland area can be found adjacent the site to the East and a riparian and playa are found immediately adjacent the location. I did notice a Yucca spp that resembles Harriman's Yucca off the footprint of the pad as well as several other places on the "Alpine Partners" acreage as pointed out and questioned by BLM personnel. Y. sterilis(a TES species) is a subspecies or variety of Y. Harrimaniae. The location was previously surveyed for cultural and paleontological resources as the operator saw fit. Against my advice an ESA consultation was NOT initiated.

The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering. A synthetic liner of 30 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes from erosion, sedimentation and stability issues.

Chris Jensen
Onsite Evaluator

9/12/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
	BMP's are to be employed to protect slopes from erosion
	Effective compaction with the addition of water and soils placed in lifts required to provide stability for drilling and tank farm. Aggregate Base course materials and/ or pit run to be imported to ensure stability and integrity of pad to include fill and (at minimum) as a cap.
Pits	A synthetic liner with a minimum thickness of 30 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/27/2012

API NO. ASSIGNED: 43013516990000

WELL NAME: Ute Tribal 1-18-3-3WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NENE 18 030S 030W

Permit Tech Review: ☒

SURFACE: 0008 FNL 0756 FEL

Engineering Review: ☐

BOTTOM: 0660 FSL 0660 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.22863

LONGITUDE: -110.25896

UTM SURF EASTINGS: 563044.00

NORTHINGS: 4453397.00

FIELD NAME: WILDCAT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6388

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

☒ PLAT☐ R649-2-3.☒ Bond: INDIAN - RLB00100473

Unit:

☐ Potash☐ R649-3-2. General☐ Oil Shale 190-5☐ Oil Shale 190-3☒ R649-3-3. Exception☐ Oil Shale 190-13☒ Drilling Unit☒ Water Permit: 437478

Board Cause No: Cause 139-90

☐ RDCC Review:

Effective Date: 5/9/2012

☒ Fee Surface Agreement

Siting: 4 Producing Grrv-Wstc Wells In Sec Drl Unit

☐ Intent to Commingle☐ R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhll
4 - Federal Approval - dmason
5 - Statement of Basis - bhll
27 - Other - bhll

RECEIVED: November 08, 2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Ute Tribal 1-18-3-3WH

API Well Number: 43013516990000

Lease Number: 14-20-H62-6388

Surface Owner: FEE (PRIVATE)

Approval Date: 11/8/2012

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 15 2012

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 1420H626388	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator NEWFIELD PRODUCTION COMPANY		7. If Unit or CA Agreement, Name and No.	
3a. Address RT 3 BOX 3630 MYTON, UT 84052		8. Lease Name and Well No. UTE TRIBAL 1-18-3-3WH	
3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019		9. API Well No. 43-013-51699	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENE 8FNL 756FEL 40.228633 N Lat, 110.259025 W Lon At proposed prod. zone SESE 660FSL 660FEL		10. Field and Pool, or Exploratory UNDESIGNATED	
14. Distance in miles and direction from nearest town or post office* 17.0 MILES NW OF MYTON, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 18 T3S R3W Mer UBM	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 8		12. County or Parish DUCHESNE	
16. No. of Acres in Lease 160.00		13. State UT	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 0		17. Spacing Unit dedicated to this well 40.00	
19. Proposed Depth 13577 MD 9019 TVD		20. BLM/BIA Bond No. on file RLB00100473	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5462 GL		23. Estimated duration 60	
22. Approximate date work will start 09/01/2012		24. Attachments	

24. Attachments

JAN 31 2013

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

DIV. OF OIL, GAS & MINING

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 08/15/2012
Title PERMITTING AGENT		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JAN 22 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #145969 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 08/21/2012 ()

NOTICE OF APPROVAL

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

12UBR0506A2

NO NO8.

12UBR0506A2



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Ute Tribal 1-18-3-3WH
API No: 43-013-51699

Location: NENE, Sec. 18, T3S, R3W
Lease No: 14-20-H62-6388
Agreement: Rocky Point EDA

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

CONDITIONS OF APPROVAL:

- Low bleed pneumatics will be installed on separator dump valves, and other controllers when feasible. The use of low bleed pneumatics would result in a lower emission of VOCs.
- Newfield will use lean burn, low NOX emitting compressor engines (i.e., less than 2 grams/hp hour).
- It is recommend that Newfield consult with the Utah Division of Wildlife Resources to minimize impacts to birds, particularly greater sage grouse, protected under the Migratory Bird Treaty Act and to ensure compliance with Federal and State laws protecting Migratory Birds.
- Newfield will not pump surface water from the Green River. Specifically, for Newfield's development, water collection wells will be connected to a centralized pumping station via underground waterlines. The water wells will be developed using conventional drilling methods. Each well will extend to a depth of approximately 100 feet below the surface.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- Surface casing cement will be circulated to surface.

**Variances Granted
Air Drilling**

1. Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
2. Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
3. Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
4. Straight run blooie line. Variance granted for targeted "T's" at bends.
5. Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

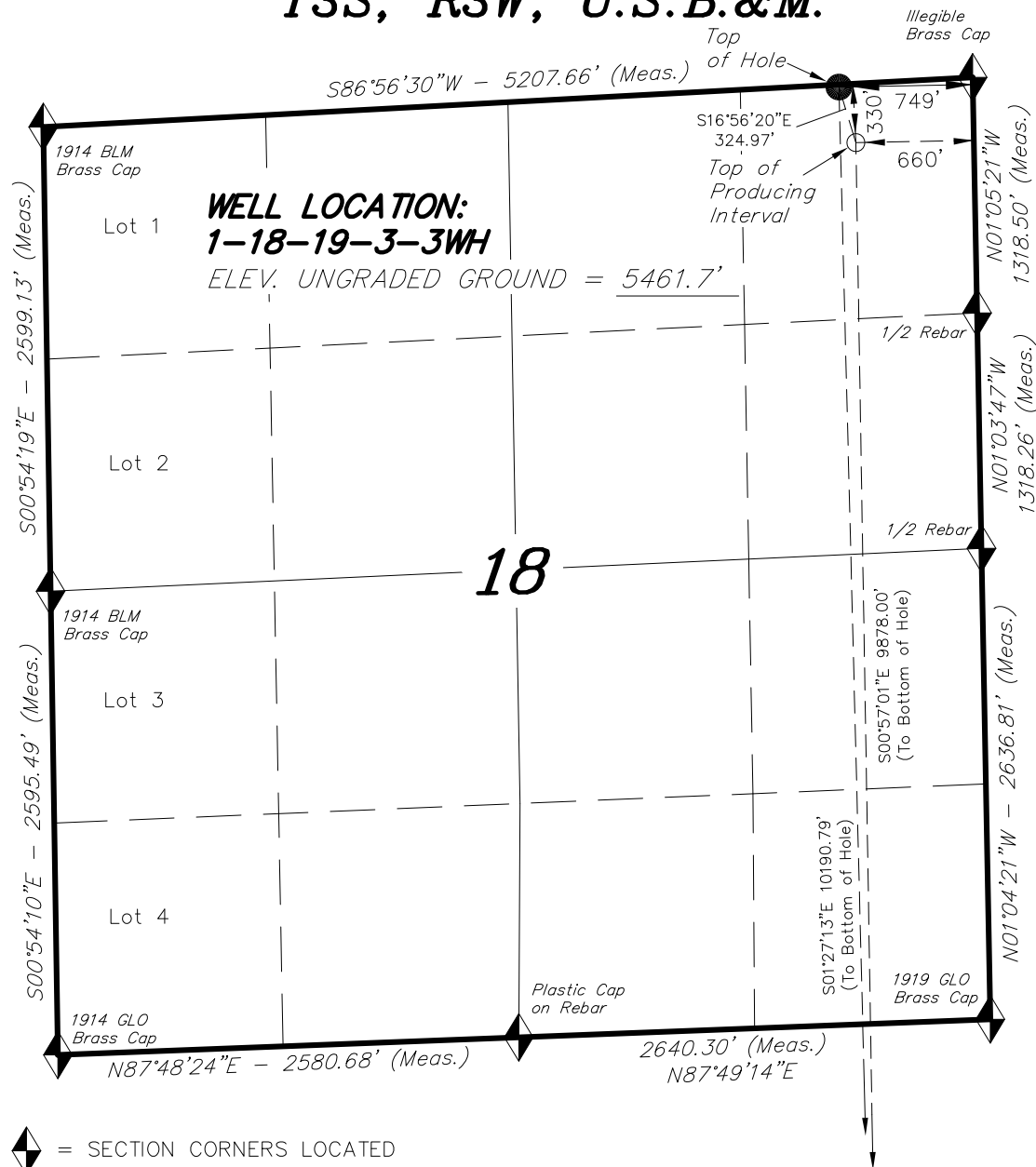
OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

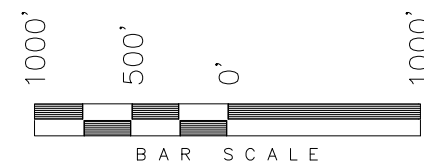
performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: UTE TRIBAL 1-18-3-3WH			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0008 FNL 0756 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 03.0W Meridian: U		9. API NUMBER: 43013516990000			
5. FIELD and POOL or WILDCAT: WILDCAT		6. COUNTY: DUCHESNE			
7. STATE: UTAH		8. STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/15/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield production Company respectfully submits this sundry to amend the previously approved Ute Tribal 1-18-3-3WH. The well has been changed to a 1280 acre horizontal well with an MD of 18,994 feet and to include the use of OBM during drilling. To accommodate the change the pit size has increased and the surface location has been changed slightly within the previously approved pad area. The new surface location is 15' FNL & 749' FEL, NE/4 NE/4, Section 18, T3S, R3W, USB&M and a bottomhole location of 330' FSL & 660' FEL, SE/4 SE/4, Section 19, T3S, R3W, USB&M. Additionally, the well name has changed to the Ute Tribal 1-18-19-3-3WH with minor changes to the proposed access road and pipeline corridor. Attached please find an updated plat package, drilling plan, directional plan and exception to spacing. The well remains on surface owned by Newfield RMI.					
<div style="text-align: right;"> Approved by the Utah Division of Oil, Gas and Mining Date: February 25, 2013 By: <u>Don Hamilton</u> </div>					
NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent			
SIGNATURE N/A	DATE 1/31/2013				

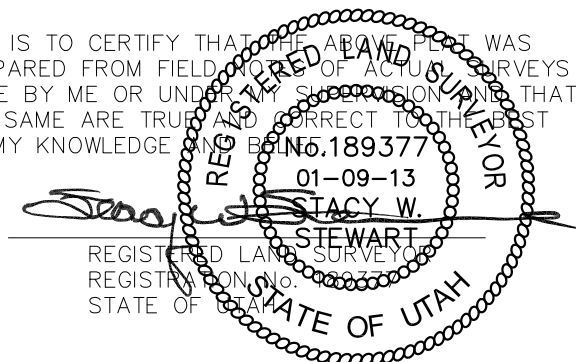
T3S, R3W, U.S.B.&M.**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, 1-18-19-3-3WH,
 LOCATED AS SHOWN IN THE NE 1/4
 NE 1/4 OF SECTION 18, T3S, R3W,
 U.S.B.&M. DUCHESNE COUNTY, UTAH.

**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Top of Hole footages are 15' FNL & 749' FEL.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD RECORDS OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF.

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 04-05-12	SURVEYED BY: C.S.	VERSION:
DATE DRAWN: 04-12-12	DRAWN BY: M.W.	V5
REVISED: 01-09-13 V.H.	SCALE: 1" = 1000'	

BASIS OF ELEV: Elevations are based on
 an N.G.S. OPUS Correction. LOCATION:
 LAT. $40^{\circ}04'09.56''$ LONG. $110^{\circ}00'43.28''$
 (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (TOP OF PROD. INTERVAL)	NAD 83 (SURFACE LOCATION)
LATITUDE = $40^{\circ}13'40.05''$	LATITUDE = $40^{\circ}13'43.13''$
LONGITUDE = $110^{\circ}15'30.94''$	LONGITUDE = $110^{\circ}15'32.11''$
NAD 27 (TOP OF PROD. INTERVAL)	NAD 27 (SURFACE LOCATION)
LATITUDE = $40^{\circ}13'40.20''$	LATITUDE = $40^{\circ}13'43.29''$
LONGITUDE = $110^{\circ}15'28.39''$	LONGITUDE = $110^{\circ}15'29.55''$

Newfield Production Company
Ute Tribal 1-18-19-3-3WH
Surface Hole Location: 15' FNL, 749' FEL, Section 18, T3S, R3W
Bottom Hole Location: 330' FSL, 660' FEL, Section 19, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,900'
Garden Gulch member	6,714'
Wasatch	9,276'
Pilot Hole TD	0'
Lateral TD	8,302' TVD / 18,994' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	985'	(water)
Green River	6,714' - 8,302'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520	2,020	394,000
									2.12	2.54	4.38
Intermediate 7	0'	8,734'	26	P-110	BTC	11	11.5	15	9,960	6,210	853,000
		9,102'							2.42	1.43	3.60
Production 4 1/2	8,157'	8,302'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
		18,994'							3.17	2.58	2.88

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720	15%	11.0	3.53
				204			
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180	15%	15.8	1.17
				154			
Pilot Hole Plug Back	8 3/4	821'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	394	15%	14.3	1.24
				318			
Intermediate Lead	8 3/4	5,714'	Premium Lite II w/ 3% KCl + 10% bentonite	988	15%	11.0	3.53
				280			
Intermediate Tail	8 3/4	2,388'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	413	15%	14.3	1.24
				333			
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	--	--	--	--
				--			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
-----------------	--------------------

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,500' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells:
A water based mud: Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBDT to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

$$8,302' \times 0.57 \text{ psi/ft} = 4749 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone. The pilot hole will be logged, and then plugged back in preparation for horizontal operations. Directional tools will then be used to build to 92.50 degrees inclination. The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat. A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be placed 50' above KOP and will be isolated with a liner top packer.

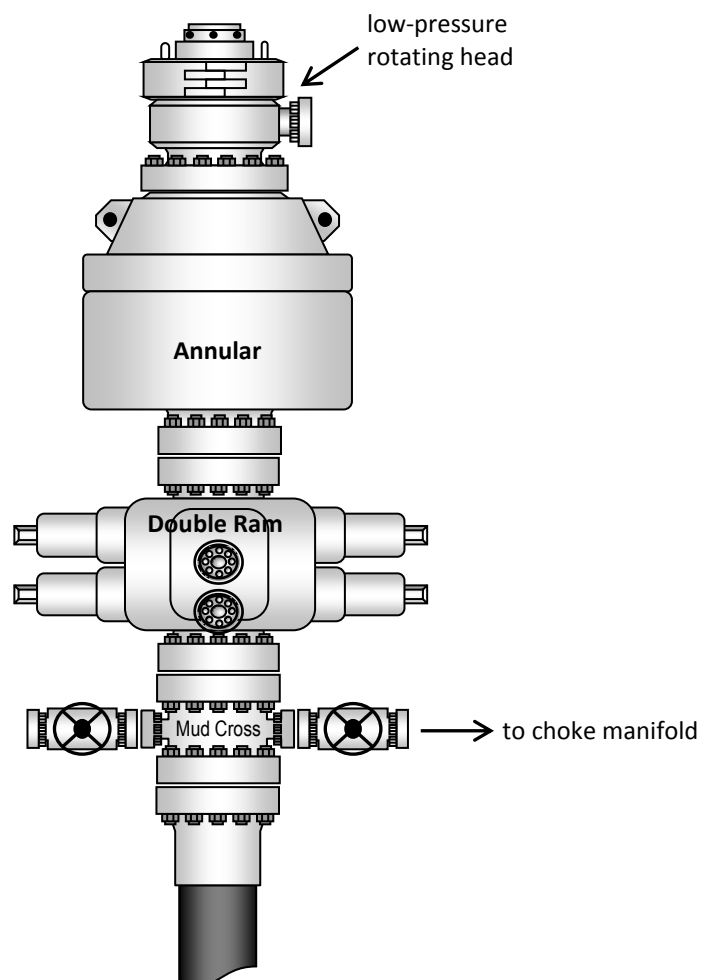
Newfield requests the following variances from Onshore Order #2:

- Variance from Onshore Order #2, III.E.1

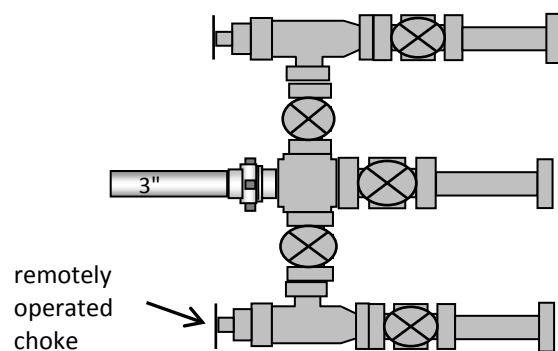
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration





LEAM Drilling Systems, Inc.
FOR
NEWFIELD EXPLORATION ROCKY MOUNTAINS
WELL: UTE TRIBAL 1-18-19-3-3WH
JANUARY 9, 2013
PLAN: UTE TRIBAL 1-18-19-3-3WH
DUCHESE COUNTY, UT

WELL DETAILS: UTE TRIBAL 1-18-19-3-3WH
 Ground Level: 5462.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	692747.61	2346682.43	40° 13' 43.230 N	110° 15' 29.930 W	

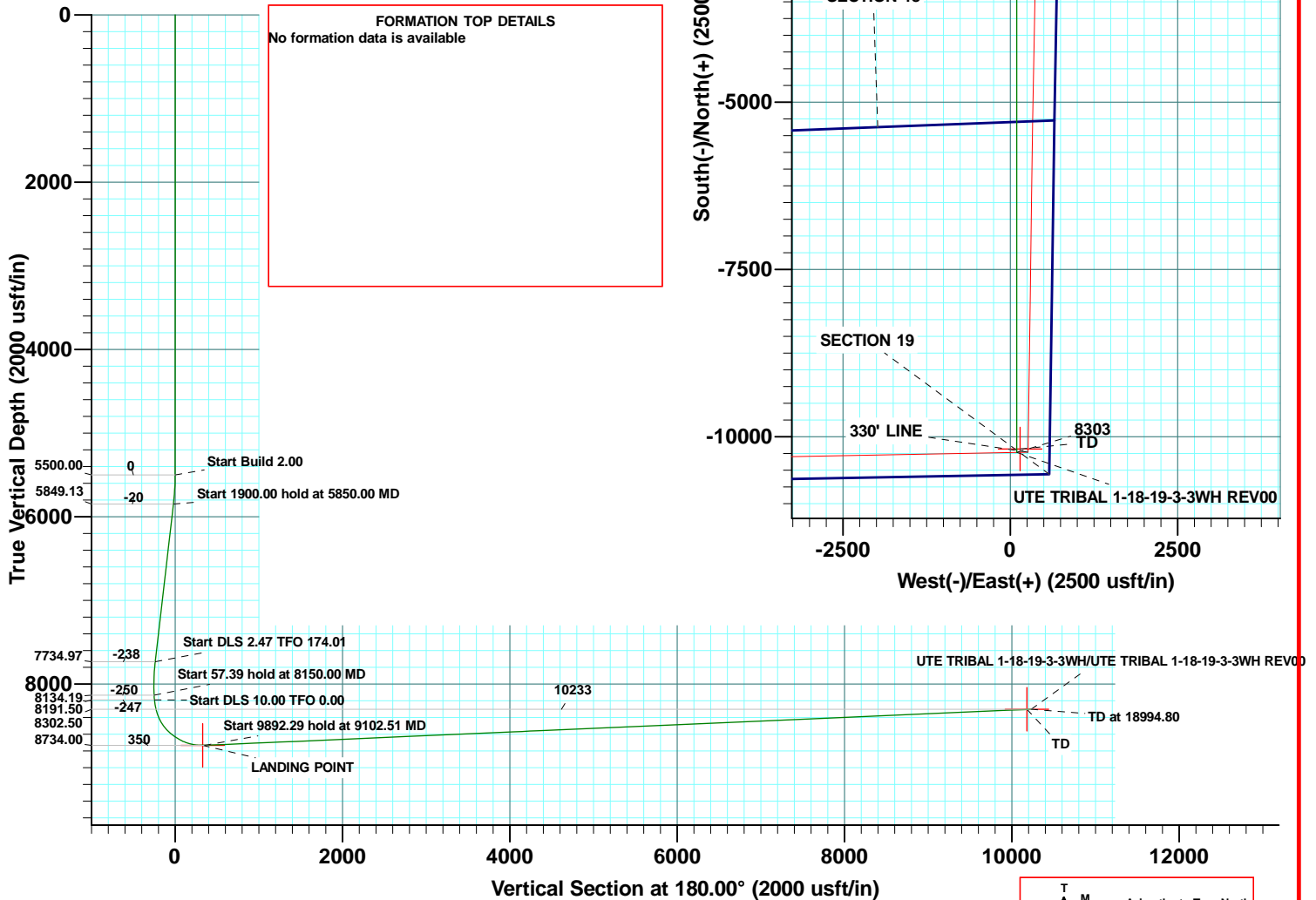
SITE DETAILS: CENTRAL BASIN
 Site Centre Latitude: 40° 13' 43.230 N
 Longitude: 110° 15' 29.930 W
 Positional Uncertainty: 0.00
 Convergence: 0.80
 Local North: True

PROJECT DETAILS: DUCHESE COUNTY, UT
 Geodetic System: US State Plane 1927 (Exact solution)
 Ellipsoid: Clarke 1866
 Zone: Utah Central 4302
 System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
LANDING POINT	8734.00	-330.00	96.00	Point
TD	8302.50	-10181.19	146.65	Point

FORMATION TOP DETAILS
 No formation data is available



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	0.00	
3	5850.00	7.00	20.00	5849.13	20.07	7.30	2.00	20.00	-20.07	
4	7750.00	7.00	20.00	7734.97	237.65	86.50	0.00	0.00	-237.65	
5	8150.00	3.00	180.00	8134.19	250.12	94.86	2.47	174.01	-250.12	
6	8207.39	3.00	180.00	8191.50	247.12	94.86	0.00	0.00	-247.12	
7	9102.51	92.50	180.00	8734.00	-350.13	94.86	10.00	0.00	350.13	
8	18994.80	92.50	180.00	8302.50	-10233.00	94.86	0.00	0.00	0233.00	

UTM
 Azimuths to True North
 Magnetic North: 11.20°
 Magnetic Field
 Strength: 52232.7nT
 Dip Angle: 65.88°
 Date: 1/9/2013
 Model: IGRF200510

Plan: UTE TRIBAL 1-18-19-3-3WH REV00 (UTE TRIBAL 1-18-19-3-3WH/1-18-19-3-3WH)
 Created By: Chad Dubois Date: 21:54, January 09 2013
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____



NEWFIELD EXPLORATION ROCKY MOUNTAINS

DUCHESNE COUNTY, UT

CENTRAL BASIN

UTE TRIBAL 1-18-19-3-3WH

1-18-19-3-3WH

Plan: UTE TRIBAL 1-18-19-3-3WH REV00

Standard Planning Report

09 January, 2013



LEAM Drilling Systems, Inc

Planning Report

Database:	EDM_R5000	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-19-3-3WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL @ 5490.00usft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5490.00usft (Original Well Elev)
Site:	CENTRAL BASIN	North Reference:	True
Well:	UTE TRIBAL 1-18-19-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	1-18-19-3-3WH		
Design:	UTE TRIBAL 1-18-19-3-3WH REV00		

Project	DUCHESNE COUNTY, UT, SECTION 18, T3S, R3W		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	CENTRAL BASIN		
Site Position:		Northing:	692,747.60 usft
From:	Lat/Long	Easting:	2,346,682.43 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 13' 43.230 N
		Longitude:	110° 15' 29.930 W
		Grid Convergence:	0.80 °

Well	UTE TRIBAL 1-18-19-3-3WH		
Well Position	+N/-S	0.00 usft	Northing: 692,747.60 usft
	+E/-W	0.00 usft	Easting: 2,346,682.43 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	28.00 usft
		Latitude:	40° 13' 43.230 N
		Longitude:	110° 15' 29.930 W
		Ground Level:	5,462.00 usft

Wellbore	1-18-19-3-3WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	1/9/2013	11.20	65.88	52,233

Design	UTE TRIBAL 1-18-19-3-3WH REV00				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	180.00	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,850.00	7.00	20.00	5,849.13	20.07	7.30	2.00	2.00	0.00	20.00	
7,750.00	7.00	20.00	7,734.97	237.65	86.50	0.00	0.00	0.00	0.00	
8,150.00	3.00	180.00	8,134.19	250.12	94.86	2.47	-1.00	40.00	174.01	
8,207.39	3.00	180.00	8,191.50	247.12	94.86	0.00	0.00	0.00	0.00	
9,102.51	92.50	180.00	8,734.00	-350.13	94.86	10.00	10.00	0.00	0.00	
18,994.80	92.50	180.00	8,302.50	-10,233.00	94.86	0.00	0.00	0.00	0.00	



LEAM Drilling Systems, Inc

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Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL @ 5490.00usft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5490.00usft (Original Well Elev)
Site:	CENTRAL BASIN	North Reference:	True
Well:	UTE TRIBAL 1-18-19-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	1-18-19-3-3WH		
Design:	UTE TRIBAL 1-18-19-3-3WH REV00		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00	



LEAM Drilling Systems, Inc

Planning Report

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Site:	CENTRAL BASIN	North Reference:	True
Well:	UTE TRIBAL 1-18-19-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	1-18-19-3-3WH		
Design:	UTE TRIBAL 1-18-19-3-3WH REV00		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,600.00	2.00	20.00	5,599.98	1.64	0.60	-1.64	2.00	2.00	0.00	
5,700.00	4.00	20.00	5,699.84	6.56	2.39	-6.56	2.00	2.00	0.00	
5,800.00	6.00	20.00	5,799.45	14.75	5.37	-14.75	2.00	2.00	0.00	
5,850.00	7.00	20.00	5,849.13	20.07	7.30	-20.07	2.00	2.00	0.00	
5,900.00	7.00	20.00	5,898.76	25.79	9.39	-25.79	0.00	0.00	0.00	
6,000.00	7.00	20.00	5,998.01	37.24	13.56	-37.24	0.00	0.00	0.00	
6,100.00	7.00	20.00	6,097.27	48.70	17.72	-48.70	0.00	0.00	0.00	
6,200.00	7.00	20.00	6,196.52	60.15	21.89	-60.15	0.00	0.00	0.00	
6,300.00	7.00	20.00	6,295.78	71.60	26.06	-71.60	0.00	0.00	0.00	
6,400.00	7.00	20.00	6,395.03	83.05	30.23	-83.05	0.00	0.00	0.00	
6,500.00	7.00	20.00	6,494.29	94.50	34.40	-94.50	0.00	0.00	0.00	
6,600.00	7.00	20.00	6,593.54	105.96	38.56	-105.96	0.00	0.00	0.00	
6,700.00	7.00	20.00	6,692.79	117.41	42.73	-117.41	0.00	0.00	0.00	
6,800.00	7.00	20.00	6,792.05	128.86	46.90	-128.86	0.00	0.00	0.00	
6,900.00	7.00	20.00	6,891.30	140.31	51.07	-140.31	0.00	0.00	0.00	
7,000.00	7.00	20.00	6,990.56	151.76	55.24	-151.76	0.00	0.00	0.00	
7,100.00	7.00	20.00	7,089.81	163.22	59.41	-163.22	0.00	0.00	0.00	
7,200.00	7.00	20.00	7,189.07	174.67	63.57	-174.67	0.00	0.00	0.00	
7,300.00	7.00	20.00	7,288.32	186.12	67.74	-186.12	0.00	0.00	0.00	
7,400.00	7.00	20.00	7,387.58	197.57	71.91	-197.57	0.00	0.00	0.00	
7,500.00	7.00	20.00	7,486.83	209.02	76.08	-209.02	0.00	0.00	0.00	
7,600.00	7.00	20.00	7,586.09	220.48	80.25	-220.48	0.00	0.00	0.00	
7,700.00	7.00	20.00	7,685.34	231.93	84.41	-231.93	0.00	0.00	0.00	
7,750.00	7.00	20.00	7,734.97	237.65	86.50	-237.65	0.00	0.00	0.00	
7,800.00	5.77	21.28	7,784.66	242.86	88.45	-242.86	2.47	-2.45	2.56	
7,900.00	3.34	26.64	7,884.33	250.15	91.59	-250.15	2.47	-2.43	5.36	
8,000.00	1.08	56.68	7,984.25	253.27	93.68	-253.27	2.47	-2.26	30.04	
8,100.00	1.83	170.55	8,084.24	252.22	94.72	-252.22	2.47	0.75	113.87	
8,150.00	3.00	180.00	8,134.19	250.12	94.86	-250.12	2.47	2.34	18.90	
8,200.00	3.00	180.00	8,184.12	247.50	94.86	-247.50	0.00	0.00	0.00	
8,207.39	3.00	180.00	8,191.50	247.12	94.86	-247.12	0.00	0.00	0.00	
8,300.00	12.26	180.00	8,283.19	234.83	94.86	-234.83	10.00	10.00	0.00	
8,400.00	22.26	180.00	8,378.57	205.20	94.86	-205.20	10.00	10.00	0.00	
8,500.00	32.26	180.00	8,467.35	159.46	94.86	-159.46	10.00	10.00	0.00	
8,600.00	42.26	180.00	8,546.84	99.00	94.86	-99.00	10.00	10.00	0.00	
8,700.00	52.25	180.00	8,614.63	25.65	94.86	-25.65	10.00	10.00	0.00	
8,800.00	62.25	180.00	8,668.65	-58.35	94.86	58.35	10.00	10.00	0.00	
8,900.00	72.25	180.00	8,707.27	-150.45	94.86	150.45	10.00	10.00	0.00	
9,000.00	82.25	180.00	8,729.31	-247.86	94.86	247.86	10.00	10.00	0.00	
9,100.00	92.25	180.00	8,734.10	-347.62	94.86	347.62	10.00	10.00	0.00	
9,102.51	92.50	180.00	8,734.00	-350.13	94.86	350.13	10.00	10.00	0.00	
9,200.00	92.50	180.00	8,729.75	-447.53	94.86	447.53	0.00	0.00	0.00	
9,300.00	92.50	180.00	8,725.39	-547.43	94.86	547.43	0.00	0.00	0.00	
9,400.00	92.50	180.00	8,721.02	-647.34	94.86	647.34	0.00	0.00	0.00	
9,500.00	92.50	180.00	8,716.66	-747.24	94.86	747.24	0.00	0.00	0.00	
9,600.00	92.50	180.00	8,712.30	-847.15	94.86	847.15	0.00	0.00	0.00	
9,700.00	92.50	180.00	8,707.94	-947.05	94.86	947.05	0.00	0.00	0.00	
9,800.00	92.50	180.00	8,703.58	-1,046.96	94.86	1,046.96	0.00	0.00	0.00	
9,900.00	92.50	180.00	8,699.21	-1,146.86	94.86	1,146.86	0.00	0.00	0.00	
10,000.00	92.50	180.00	8,694.85	-1,246.76	94.86	1,246.76	0.00	0.00	0.00	



LEAM Drilling Systems, Inc

Planning Report

Database:	EDM_R5000	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-19-3-3WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL @ 5490.00usft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5490.00usft (Original Well Elev)
Site:	CENTRAL BASIN	North Reference:	True
Well:	UTE TRIBAL 1-18-19-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	1-18-19-3-3WH		
Design:	UTE TRIBAL 1-18-19-3-3WH REV00		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,100.00	92.50	180.00	8,690.49	-1,346.67	94.86	1,346.67	0.00	0.00	0.00
10,200.00	92.50	180.00	8,686.13	-1,446.57	94.86	1,446.57	0.00	0.00	0.00
10,300.00	92.50	180.00	8,681.77	-1,546.48	94.86	1,546.48	0.00	0.00	0.00
10,400.00	92.50	180.00	8,677.40	-1,646.38	94.86	1,646.38	0.00	0.00	0.00
10,500.00	92.50	180.00	8,673.04	-1,746.29	94.86	1,746.29	0.00	0.00	0.00
10,600.00	92.50	180.00	8,668.68	-1,846.19	94.86	1,846.19	0.00	0.00	0.00
10,700.00	92.50	180.00	8,664.32	-1,946.10	94.86	1,946.10	0.00	0.00	0.00
10,800.00	92.50	180.00	8,659.96	-2,046.00	94.86	2,046.00	0.00	0.00	0.00
10,900.00	92.50	180.00	8,655.59	-2,145.91	94.86	2,145.91	0.00	0.00	0.00
11,000.00	92.50	180.00	8,651.23	-2,245.81	94.86	2,245.81	0.00	0.00	0.00
11,100.00	92.50	180.00	8,646.87	-2,345.72	94.86	2,345.72	0.00	0.00	0.00
11,200.00	92.50	180.00	8,642.51	-2,445.62	94.86	2,445.62	0.00	0.00	0.00
11,300.00	92.50	180.00	8,638.15	-2,545.53	94.86	2,545.53	0.00	0.00	0.00
11,400.00	92.50	180.00	8,633.79	-2,645.43	94.86	2,645.43	0.00	0.00	0.00
11,500.00	92.50	180.00	8,629.42	-2,745.34	94.86	2,745.34	0.00	0.00	0.00
11,600.00	92.50	180.00	8,625.06	-2,845.24	94.86	2,845.24	0.00	0.00	0.00
11,700.00	92.50	180.00	8,620.70	-2,945.15	94.86	2,945.15	0.00	0.00	0.00
11,800.00	92.50	180.00	8,616.34	-3,045.05	94.86	3,045.05	0.00	0.00	0.00
11,900.00	92.50	180.00	8,611.98	-3,144.96	94.86	3,144.96	0.00	0.00	0.00
12,000.00	92.50	180.00	8,607.61	-3,244.86	94.86	3,244.86	0.00	0.00	0.00
12,100.00	92.50	180.00	8,603.25	-3,344.77	94.86	3,344.77	0.00	0.00	0.00
12,200.00	92.50	180.00	8,598.89	-3,444.67	94.86	3,444.67	0.00	0.00	0.00
12,300.00	92.50	180.00	8,594.53	-3,544.58	94.86	3,544.58	0.00	0.00	0.00
12,400.00	92.50	180.00	8,590.17	-3,644.48	94.86	3,644.48	0.00	0.00	0.00
12,500.00	92.50	180.00	8,585.80	-3,744.39	94.86	3,744.39	0.00	0.00	0.00
12,600.00	92.50	180.00	8,581.44	-3,844.29	94.86	3,844.29	0.00	0.00	0.00
12,700.00	92.50	180.00	8,577.08	-3,944.19	94.86	3,944.19	0.00	0.00	0.00
12,800.00	92.50	180.00	8,572.72	-4,044.10	94.86	4,044.10	0.00	0.00	0.00
12,900.00	92.50	180.00	8,568.36	-4,144.00	94.86	4,144.00	0.00	0.00	0.00
13,000.00	92.50	180.00	8,563.99	-4,243.91	94.86	4,243.91	0.00	0.00	0.00
13,100.00	92.50	180.00	8,559.63	-4,343.81	94.86	4,343.81	0.00	0.00	0.00
13,200.00	92.50	180.00	8,555.27	-4,443.72	94.86	4,443.72	0.00	0.00	0.00
13,300.00	92.50	180.00	8,550.91	-4,543.62	94.86	4,543.62	0.00	0.00	0.00
13,400.00	92.50	180.00	8,546.55	-4,643.53	94.86	4,643.53	0.00	0.00	0.00
13,500.00	92.50	180.00	8,542.18	-4,743.43	94.86	4,743.43	0.00	0.00	0.00
13,600.00	92.50	180.00	8,537.82	-4,843.34	94.86	4,843.34	0.00	0.00	0.00
13,700.00	92.50	180.00	8,533.46	-4,943.24	94.86	4,943.24	0.00	0.00	0.00
13,800.00	92.50	180.00	8,529.10	-5,043.15	94.86	5,043.15	0.00	0.00	0.00
13,900.00	92.50	180.00	8,524.74	-5,143.05	94.86	5,143.05	0.00	0.00	0.00
14,000.00	92.50	180.00	8,520.37	-5,242.96	94.86	5,242.96	0.00	0.00	0.00
14,100.00	92.50	180.00	8,516.01	-5,342.86	94.86	5,342.86	0.00	0.00	0.00
14,200.00	92.50	180.00	8,511.65	-5,442.77	94.86	5,442.77	0.00	0.00	0.00
14,300.00	92.50	180.00	8,507.29	-5,542.67	94.86	5,542.67	0.00	0.00	0.00
14,400.00	92.50	180.00	8,502.93	-5,642.58	94.86	5,642.58	0.00	0.00	0.00
14,500.00	92.50	180.00	8,498.56	-5,742.48	94.86	5,742.48	0.00	0.00	0.00
14,600.00	92.50	180.00	8,494.20	-5,842.39	94.86	5,842.39	0.00	0.00	0.00
14,700.00	92.50	180.00	8,489.84	-5,942.29	94.86	5,942.29	0.00	0.00	0.00
14,800.00	92.50	180.00	8,485.48	-6,042.20	94.86	6,042.20	0.00	0.00	0.00
14,900.00	92.50	180.00	8,481.12	-6,142.10	94.86	6,142.10	0.00	0.00	0.00
15,000.00	92.50	180.00	8,476.76	-6,242.01	94.86	6,242.01	0.00	0.00	0.00
15,100.00	92.50	180.00	8,472.39	-6,341.91	94.86	6,341.91	0.00	0.00	0.00
15,200.00	92.50	180.00	8,468.03	-6,441.82	94.86	6,441.82	0.00	0.00	0.00
15,300.00	92.50	180.00	8,463.67	-6,541.72	94.86	6,541.72	0.00	0.00	0.00



LEAM Drilling Systems, Inc

Planning Report

Database:	EDM_R5000	Local Co-ordinate Reference:	Well UTE TRIBAL 1-18-19-3-3WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL @ 5490.00usft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5490.00usft (Original Well Elev)
Site:	CENTRAL BASIN	North Reference:	True
Well:	UTE TRIBAL 1-18-19-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	1-18-19-3-3WH		
Design:	UTE TRIBAL 1-18-19-3-3WH REV00		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,400.00	92.50	180.00	8,459.31	-6,641.63	94.86	6,641.63	0.00	0.00	0.00
15,500.00	92.50	180.00	8,454.95	-6,741.53	94.86	6,741.53	0.00	0.00	0.00
15,600.00	92.50	180.00	8,450.58	-6,841.43	94.86	6,841.43	0.00	0.00	0.00
15,700.00	92.50	180.00	8,446.22	-6,941.34	94.86	6,941.34	0.00	0.00	0.00
15,800.00	92.50	180.00	8,441.86	-7,041.24	94.86	7,041.24	0.00	0.00	0.00
15,900.00	92.50	180.00	8,437.50	-7,141.15	94.86	7,141.15	0.00	0.00	0.00
16,000.00	92.50	180.00	8,433.14	-7,241.05	94.86	7,241.05	0.00	0.00	0.00
16,100.00	92.50	180.00	8,428.77	-7,340.96	94.86	7,340.96	0.00	0.00	0.00
16,200.00	92.50	180.00	8,424.41	-7,440.86	94.86	7,440.86	0.00	0.00	0.00
16,300.00	92.50	180.00	8,420.05	-7,540.77	94.86	7,540.77	0.00	0.00	0.00
16,400.00	92.50	180.00	8,415.69	-7,640.67	94.86	7,640.67	0.00	0.00	0.00
16,500.00	92.50	180.00	8,411.33	-7,740.58	94.86	7,740.58	0.00	0.00	0.00
16,600.00	92.50	180.00	8,406.96	-7,840.48	94.86	7,840.48	0.00	0.00	0.00
16,700.00	92.50	180.00	8,402.60	-7,940.39	94.86	7,940.39	0.00	0.00	0.00
16,800.00	92.50	180.00	8,398.24	-8,040.29	94.86	8,040.29	0.00	0.00	0.00
16,900.00	92.50	180.00	8,393.88	-8,140.20	94.86	8,140.20	0.00	0.00	0.00
17,000.00	92.50	180.00	8,389.52	-8,240.10	94.86	8,240.10	0.00	0.00	0.00
17,100.00	92.50	180.00	8,385.15	-8,340.01	94.86	8,340.01	0.00	0.00	0.00
17,200.00	92.50	180.00	8,380.79	-8,439.91	94.86	8,439.91	0.00	0.00	0.00
17,300.00	92.50	180.00	8,376.43	-8,539.82	94.86	8,539.82	0.00	0.00	0.00
17,400.00	92.50	180.00	8,372.07	-8,639.72	94.86	8,639.72	0.00	0.00	0.00
17,500.00	92.50	180.00	8,367.71	-8,739.63	94.86	8,739.63	0.00	0.00	0.00
17,600.00	92.50	180.00	8,363.34	-8,839.53	94.86	8,839.53	0.00	0.00	0.00
17,700.00	92.50	180.00	8,358.98	-8,939.44	94.86	8,939.44	0.00	0.00	0.00
17,800.00	92.50	180.00	8,354.62	-9,039.34	94.86	9,039.34	0.00	0.00	0.00
17,900.00	92.50	180.00	8,350.26	-9,139.25	94.86	9,139.25	0.00	0.00	0.00
18,000.00	92.50	180.00	8,345.90	-9,239.15	94.86	9,239.15	0.00	0.00	0.00
18,100.00	92.50	180.00	8,341.54	-9,339.06	94.86	9,339.06	0.00	0.00	0.00
18,200.00	92.50	180.00	8,337.17	-9,438.96	94.86	9,438.96	0.00	0.00	0.00
18,300.00	92.50	180.00	8,332.81	-9,538.87	94.86	9,538.87	0.00	0.00	0.00
18,400.00	92.50	180.00	8,328.45	-9,638.77	94.86	9,638.77	0.00	0.00	0.00
18,500.00	92.50	180.00	8,324.09	-9,738.67	94.86	9,738.67	0.00	0.00	0.00
18,600.00	92.50	180.00	8,319.73	-9,838.58	94.86	9,838.58	0.00	0.00	0.00
18,700.00	92.50	180.00	8,315.36	-9,938.48	94.86	9,938.48	0.00	0.00	0.00
18,800.00	92.50	180.00	8,311.00	-10,038.39	94.86	10,038.39	0.00	0.00	0.00
18,900.00	92.50	180.00	8,306.64	-10,138.29	94.86	10,138.29	0.00	0.00	0.00
18,994.80	92.50	180.00	8,302.50	-10,233.00	94.86	10,233.00	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
TD	0.00	0.00	8,302.50	-10,181.19	146.65	682,569.43	2,346,970.39	40° 12' 2.610 N	110° 15' 28.040 W
- plan misses target center by 67.38usft at 18900.00usft MD (8306.64 TVD, -10138.29 N, 94.86 E)									
- Point									
LANDING POINT	0.00	0.00	8,734.00	-330.00	96.00	692,418.97	2,346,783.00	40° 13' 39.969 N	110° 15' 28.692 W
- plan misses target center by 1.26usft at 9082.37usft MD (8734.52 TVD, -330.00 N, 94.86 E)									
- Point									

NEWFIELD EXPLORATION COMPANY**WELL PAD INTERFERENCE PLAT****2-18-19-3-3WH****1-18-19-3-3WH***Pad Location: NENE Section 18, T3S, R3W, U.S.B.&M.***TOP HOLE FOOTAGES**2-18-19-3-3WH
19' FNL & 778' FEL1-18-19-3-3WH
15' FNL & 749' FEL**TOP OF PRODUCING
INTERVAL FOOTAGES**2-18-19-3-3WH
330' FNL & 1980' FEL1-18-19-3-3WH
330' FNL & 660' FEL

Proposed Road

Proposed Pit

Edge of
Proposed
PadSec. 7
Sec. 18

Section Line

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
2-18-19-3-3WH	40° 13' 43.08"	110° 15' 32.49"
1-18-19-3-3WH	40° 13' 43.13"	110° 15' 32.11"

LATITUDE & LONGITUDE
Top of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
2-18-19-3-3WH	40° 13' 39.53"	110° 15' 47.95"
1-18-19-3-3WH	40° 13' 40.05"	110° 15' 30.94"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
2-18-19-3-3WH	40° 12' 02.40"	110° 15' 47.61"
1-18-19-3-3WH	40° 12' 02.46"	110° 15' 30.60"

BOTTOM HOLE FOOTAGES2-18-19-3-3WH
330' FSL & 1980' FEL1-18-19-3-3WH
330' FSL & 660' FEL**Note:**
Bearings are based
on GPS Observations.**RELATIVE COORDINATES**
From Top Hole to Bottom Hole

WELL	NORTH	EAST
2-18-19-3-3WH	-10,206'	-1,032'
1-18-19-3-3WH	-10,188'	258'

SURVEYED BY: C.S. DATE SURVEYED: 04-05-12 VERSION:
 DRAWN BY: M.W. DATE DRAWN: 04-12-12
 SCALE: 1" = 60' REVISED: V.H. 01-09-13

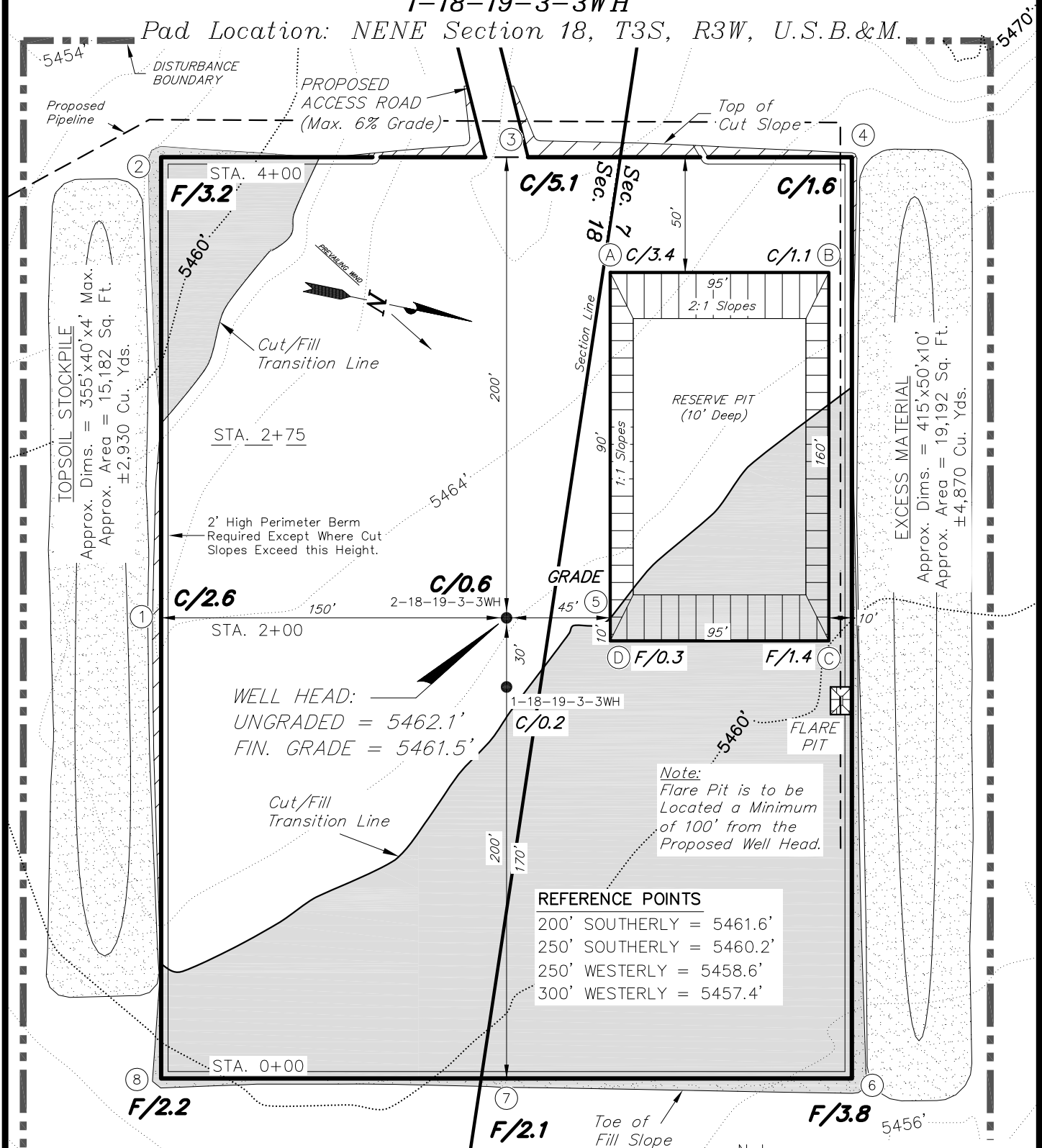
VERSION:

V5

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY**PROPOSED LOCATION LAYOUT****2-18-19-3-3WH****1-18-19-3-3WH****Pad Location: NENE Section 18, T3S, R3W, U.S.B.&M.**

NOTE:

The topsoil & excess material areas are calculated as being mounds containing 7,800 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:

Topsoil to be Stripped from all New Construction Areas and Proposed Stockpile Locations.

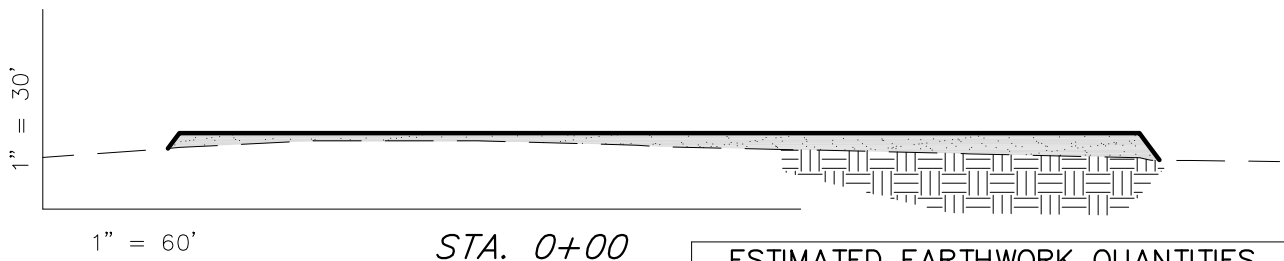
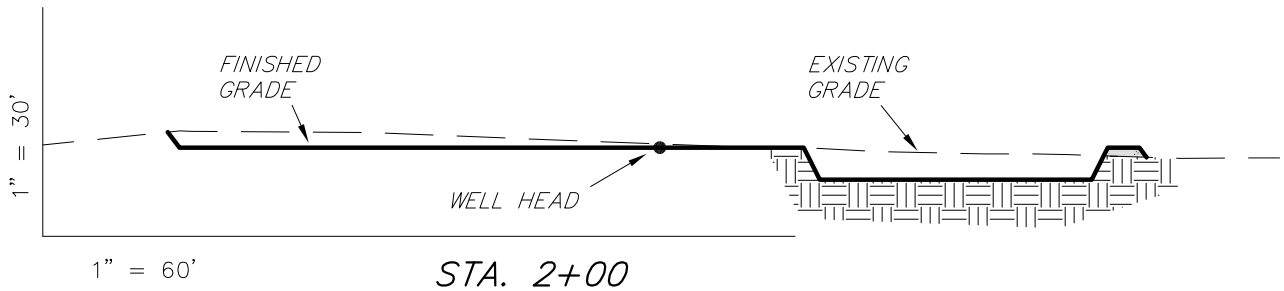
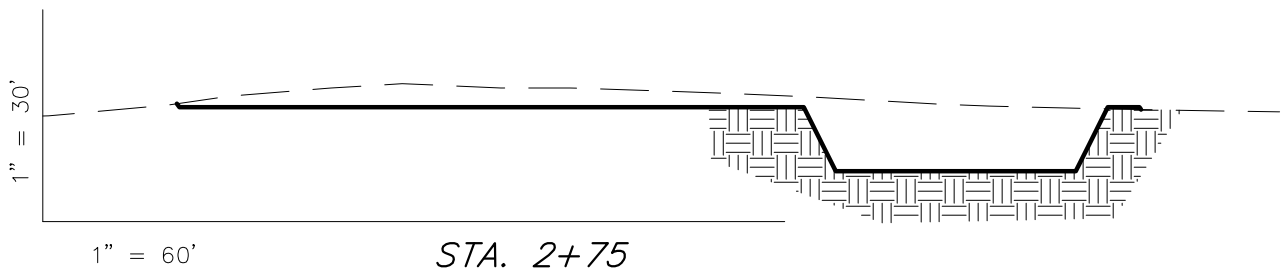
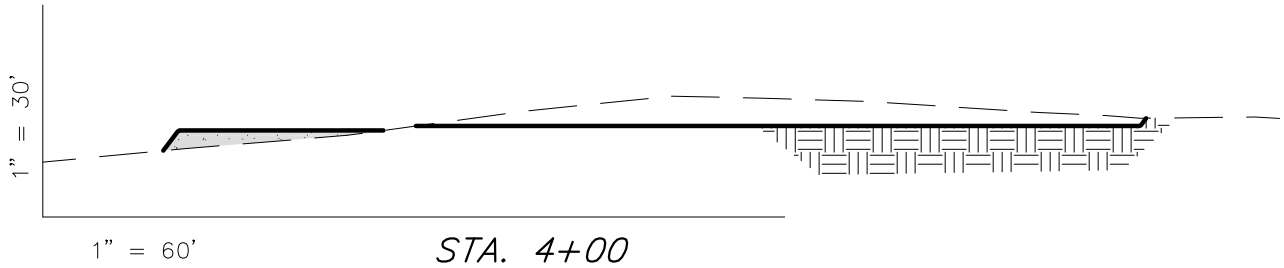
SURVEYED BY: C.S.	DATE SURVEYED: 04-05-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 09-05-12	V5
SCALE: 1" = 60'	REVISED: V.H. 01-09-13	

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: Jan. 31, 2013

NEWFIELD EXPLORATION COMPANY**CROSS SECTIONS****2-18-19-3-3WH****1-18-19-3-3WH***Pad Location: NENE Section 18, T3S, R3W, U.S.B.&M.*

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

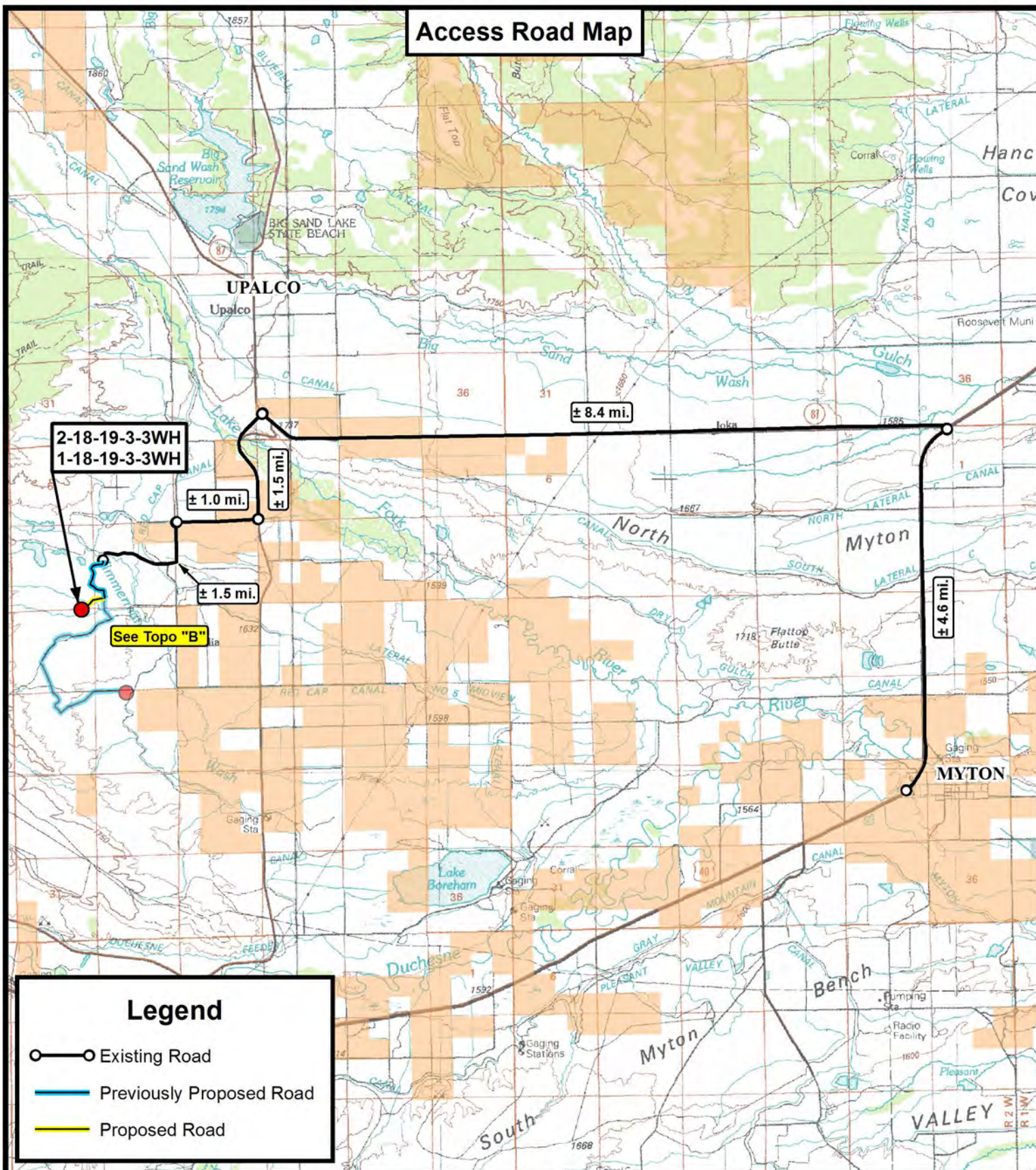
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,530	3,530	Topsoil is not included in Pad Cut Volume	0
PIT	4,430	0		4,430
TOTALS	7,960	3,530	2,660	4,430

SURVEYED BY: C.S.	DATE SURVEYED: 04-05-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 09-05-12	V5
SCALE: 1" = 60'	REVISED: V.H. 01-09-13	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: Jan. 31, 2013

Access Road Map



Legend

- Existing Road
- Previously Proposed Road
- Proposed Road



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

2-18-19-3-3WH
1-18-19-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: D.C.R. REVISED: 01-09-13 D.C.R. VERSION:
DATE: 04-23-2012
SCALE: 1:100,000

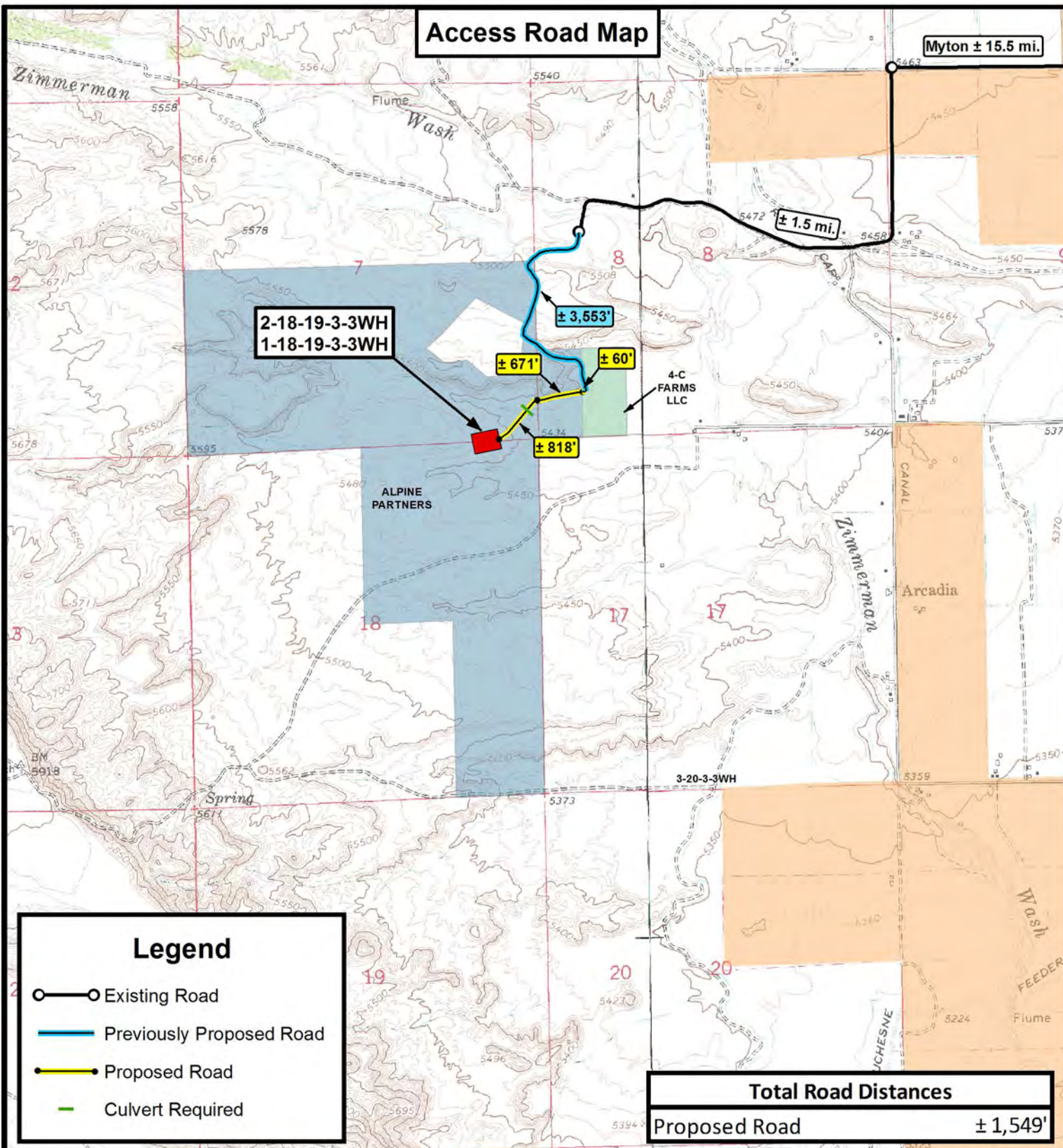
V5

TOPOGRAPHIC MAP

SHEET

A

Access Road Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

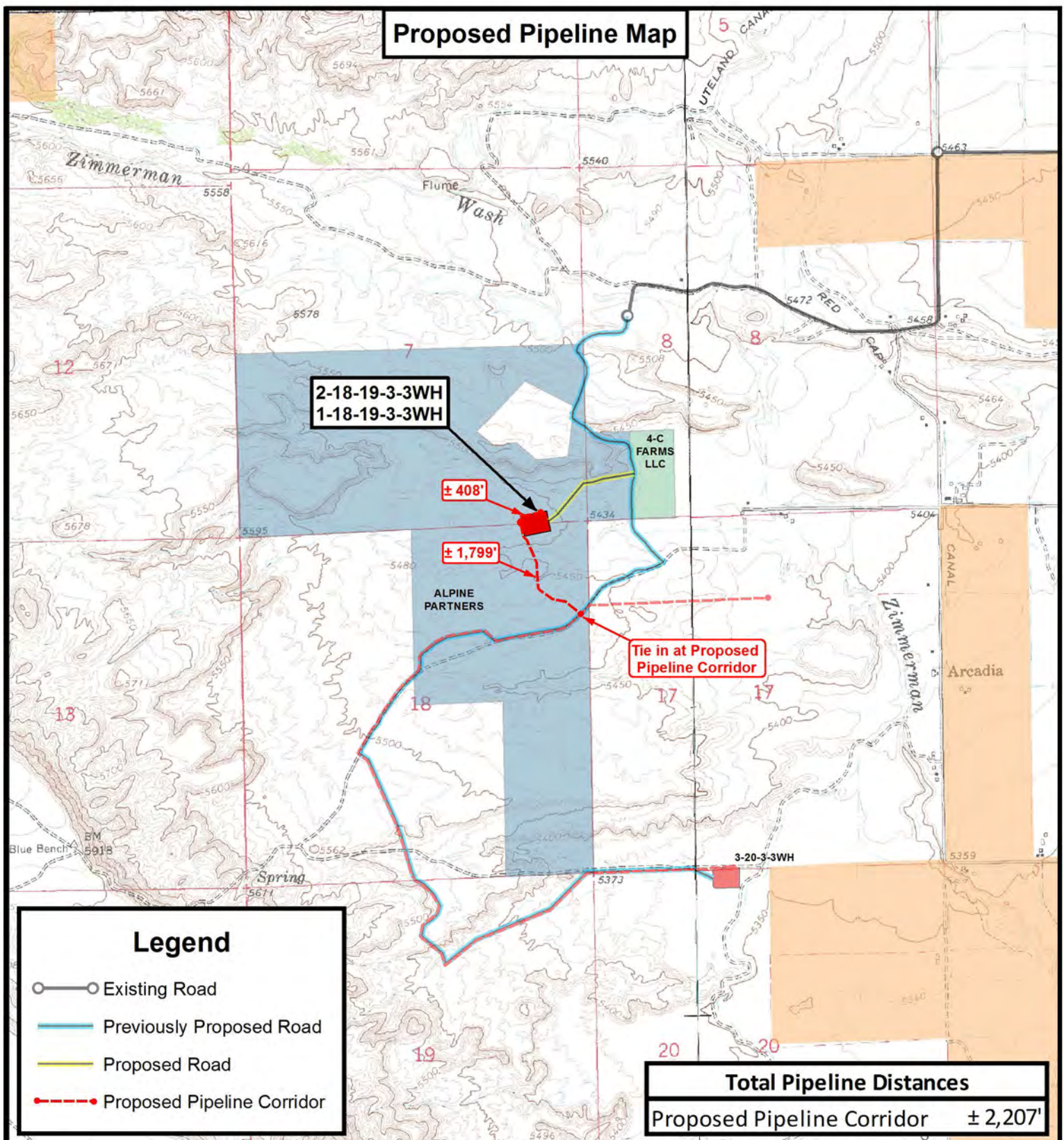
2-18-19-3-3WH
1-18-19-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: D.C.R. REVISED: 01-09-13 D.C.R. VERSION:
DATE: 04-23-2012
SCALE: 1" = 2,000'

V5

TOPOGRAPHIC MAP

SHEET
B



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

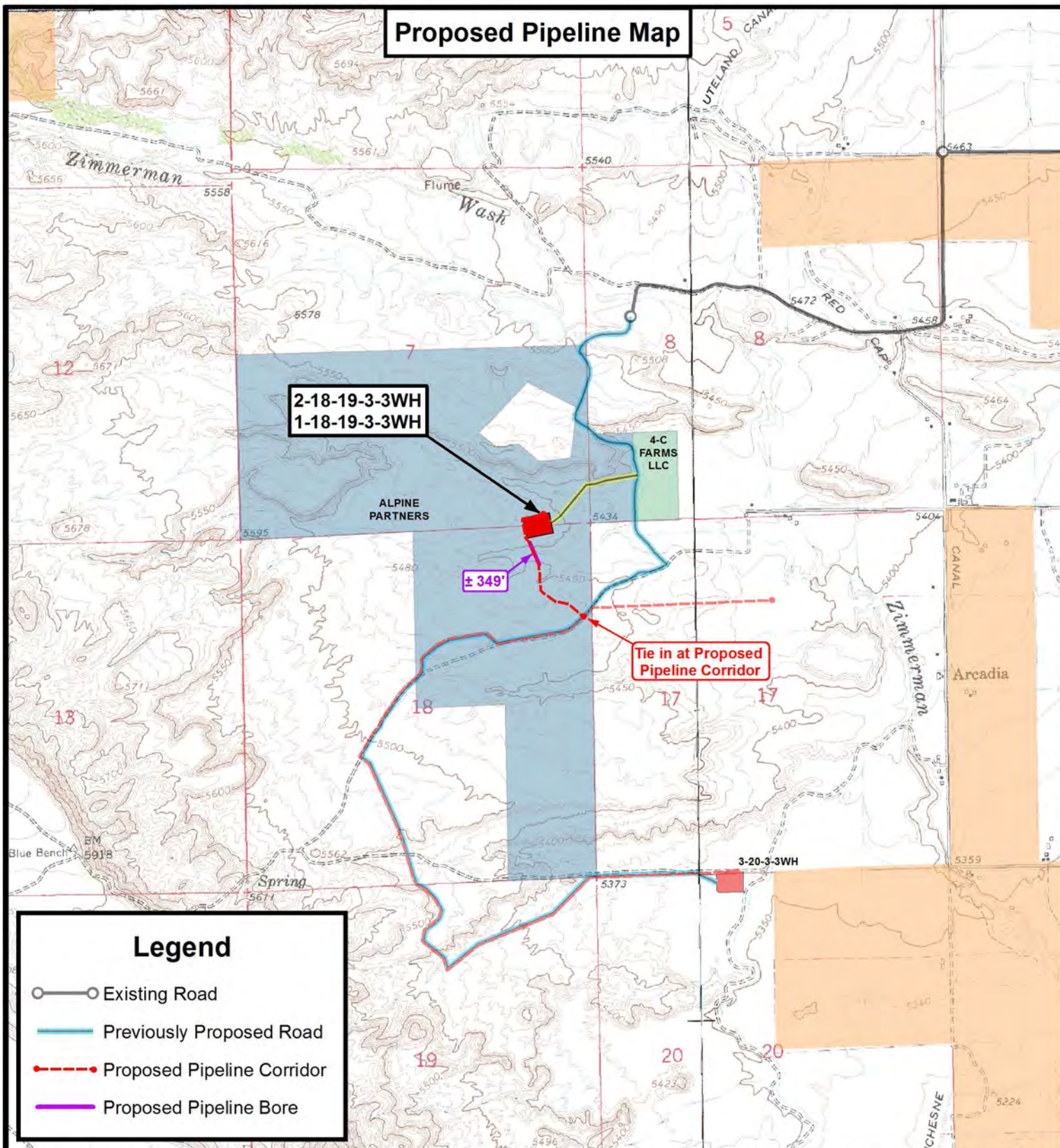
2-18-19-3-3WH
1-18-19-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-09-13 D.C.R.	VERSION:
DATE:	04-23-2012			V5
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
C1

Proposed Pipeline Map



Legend

- Existing Road
- Previously Proposed Road
- Proposed Pipeline Corridor
- Proposed Pipeline Bore

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

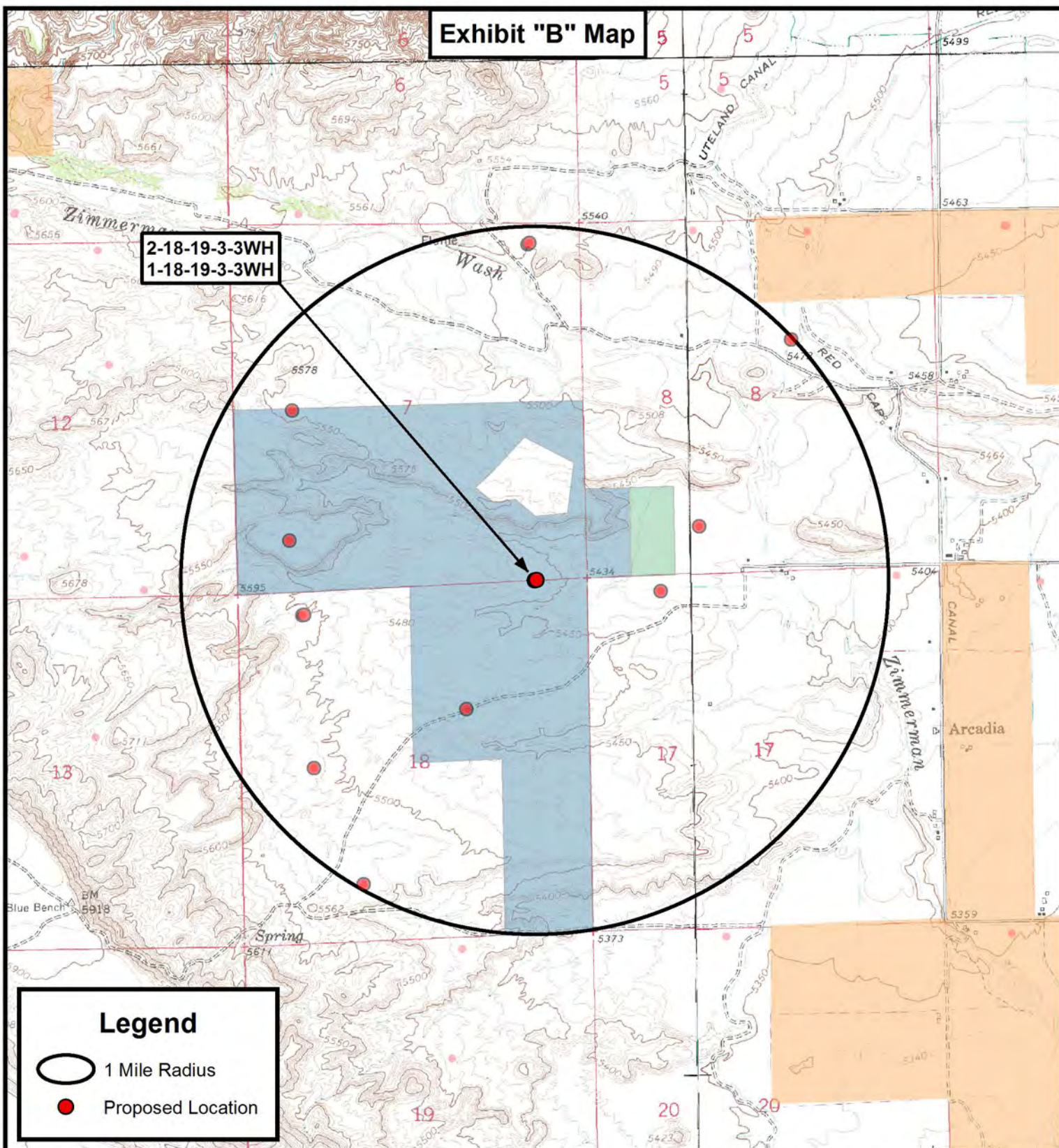
2-18-19-3-3WH
1-18-19-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: D.C.R. REVISED: 01-09-13 D.C.R. VERSION:
DATE: 04-23-2012
SCALE: 1" = 2,000'

V5

TOPOGRAPHIC MAP

SHEET
C2



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

2-18-19-3-3WH
1-18-19-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-09-13 D.C.R.	VERSION:
DATE:	04-23-2012			V5
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
2-18-19-3-3WH	Surface Hole	40° 13' 43.08" N	110° 15' 32.49" W
1-18-19-3-3WH	Surface Hole	40° 13' 43.13" N	110° 15' 32.11" W
2-18-19-3-3WH	Top of Producing Interval	40° 13' 39.53" N	110° 15' 47.95" W
1-18-19-3-3WH	Top of Producing Interval	40° 13' 40.05" N	110° 15' 30.94" W
2-18-19-3-3WH	Bottom of Hole	40° 12' 02.40" N	110° 15' 47.61" W
1-18-19-3-3WH	Bottom of Hole	40° 12' 02.46" N	110° 15' 30.60" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
2-18-19-3-3WH	Surface Hole	40.228633	110.259024
1-18-19-3-3WH	Surface Hole	40.228648	110.258919
2-18-19-3-3WH	Top of Producing Interval	40.227648	110.263320
1-18-19-3-3WH	Top of Producing Interval	40.227792	110.258595
2-18-19-3-3WH	Bottom of Hole	40.200668	110.263224
1-18-19-3-3WH	Bottom of Hole	40.200684	110.258500
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
2-18-19-3-3WH	Surface Hole	4453396.974	563038.312
1-18-19-3-3WH	Surface Hole	4453398.769	563047.273
2-18-19-3-3WH	Top of Producing Interval	4453284.671	562673.728
1-18-19-3-3WH	Top of Producing Interval	4453303.917	563075.590
2-18-19-3-3WH	Bottom of Hole	4450290.004	562706.813
1-18-19-3-3WH	Bottom of Hole	4450295.159	563108.869
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
2-18-19-3-3WH	Surface Hole	40° 13' 43.23" N	110° 15' 29.93" W
1-18-19-3-3WH	Surface Hole	40° 13' 43.29" N	110° 15' 29.55" W
2-18-19-3-3WH	Top of Producing Interval	40° 13' 39.69" N	110° 15' 45.40" W
1-18-19-3-3WH	Top of Producing Interval	40° 13' 40.20" N	110° 15' 28.39" W
2-18-19-3-3WH	Bottom of Hole	40° 12' 02.55" N	110° 15' 45.05" W
1-18-19-3-3WH	Bottom of Hole	40° 12' 02.61" N	110° 15' 28.04" W
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
2-18-19-3-3WH	Surface Hole	40.228675	110.258314
1-18-19-3-3WH	Surface Hole	40.228690	110.258209
2-18-19-3-3WH	Top of Producing Interval	40.227691	110.262610
1-18-19-3-3WH	Top of Producing Interval	40.227834	110.257885
2-18-19-3-3WH	Bottom of Hole	40.200709	110.262514
1-18-19-3-3WH	Bottom of Hole	40.200726	110.257790



P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

2-18-19-3-3WH
1-18-19-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 01-09-13 D.C.R.
DATE:	09-25-2012	
VERSION:	V5	

COORDINATE REPORT

SHEET

1

RECEIVED: Jan. 31, 2013

Coordinate Report

[illegible]

NEWFIELD EXPLORATION COMPANY

2-18-19-3-3WH
1-18-19-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: A.P.C.	REVISED: 01-09-13 D.C.R.
DATE: 09-25-2012	
VERSION: V5	

COORDINATE REPORT

SHEET

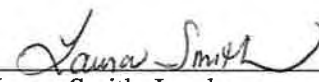
2

AFFIDAVIT OF SURFACE OWNERSHIP AND SURFACE USE

Laura Smith personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Laura Smith. I am a Landman for Newfield RMI LLC ("Newfield RMI"), whose address is 1001 17th Street, Suite 2000, Denver, CO 80202.
2. Pursuant to that certain Special Warranty Deed dated June 20, 2012 from Alpine Partners, a Utah General Partnership, to Newfield RMI, recorded in Book A649, Page 533, and Document # 446789 of the official records of Duchesne County, Utah. Newfield RMI is the surface owner of the lands described on the attached Exhibit "A".
3. Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202, is the Operator of the proposed wells listed on Exhibit "B".
4. Newfield Production Company has the right to construct and operate the necessary easements, rights-of-way, drillsites and wells that are located on the lands described on the attached Exhibit "A".

FURTHER AFFIANT SAYETH NOT.



Laura Smith, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO §
CITY AND §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 3rd day of July, 2012, personally appeared Laura Smith, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC

My Commission Expires:

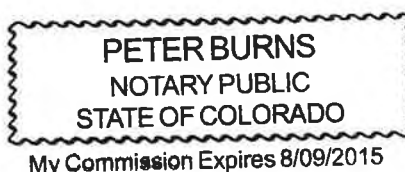


Exhibit "A"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Lands included in the Affidavit of Surface Ownership are further described as follows:

The "Lands"

Township 2 South, Range 3 West (980.00 acres)

Section 29: S½SW, NESW

Section 31: S½, S½NE

Section 32: W½, SWNE, W½SE, S½SESE

Township 2 South, Range 4 West (740.00 acres)

Section 34: S½SESW, SE

Section 35: S½, NE

Section 36: S½SW

Township 3 South, Range 3 West (2,277.87 acres)

Section 5: N½NE, NW, N½SW, SWSW, W½SESW

Section 6: All

Section 7: All

Section 8: W½W½SW, N½NW, Beginning at the West quarter corner of said Section 8; thence North 0°38'46" West 1,318.41 feet to the Northwest corner of the South half of the Northwest quarter; thence North 88°13'17" East 2,650.54 feet, to the Northeast quarter of the South half of the Northwest quarter; thence South 0°55'29" East 662.49 feet, to the Southeast corner of the Northeast quarter of the Southeast quarter of the Northwest quarter; thence North 85°22' West 1,871.00 feet; thence South 11°25' West 605.62 feet; thence South 0°41'34" East 276.77 feet to the Southeast corner of the Southwest quarter of the Southwest quarter of the Northwest quarter; thence South 88°21'56" West 664.21 feet, to the point of beginning.

Section 17: N½NWNW, SWNWNW

Section 18: NENW, NE, E½SE, E½SW, E½NWSW, S½NW

Township 3 South, Range 4 West (2,680.36 acres)

Section 1: N½N½, SENW, S½NE, SE, SESW

Section 2: All

Section 3: N½N½, SENW, S½NE, NWSE, N½NESE

Section 11: N½NW, NE, SENW

Section 12: All

Section 13: N½

LESS AND EXCEPT that certain tract of land referred to as the "Oil Pond" consisting of approximately 24.17 acres m/l, and further described as follows:

Commencing at the Southeast corner of Section 7, Township 3 South, Range 3 West of the Uintah Special Base and Meridian; thence North 0°36'34" West 1724.05 feet along the East line of said section; thence West 159.51 feet to the True point of beginning; thence running South 8°57'49" West 758.59 feet; thence South 87°13'57" West 479.90 feet; thence North 48°33'06" West 398.50 feet; thence South 82°50'37" West 321.82 feet; thence North 49°00'01" West 358.70 feet; thence North 49°50'42" East 306.66 feet; thence North 45°33'40" East 727.75 feet; thence South 61°36'00" East 830.71 feet to the True point of beginning.

Covering approximately 6,678.23 acres of land, more or less, in Duchesne County, Utah.

Exhibit “B”

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Wells included in the Affidavit of Surface Ownership and Surface Use are further described as follows:

UT 1-18-3-3WH

Drillsite located in the NENE of Section 18, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah.

Lois 9-34-2-4W

Drillsite located in the NESE of Section 34, Township 2 South, Range 4 West, Duchesne County, Utah.

UT 1-2-3-4WH

Drillsite located in the NENE of Section 2, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-6-3-3WH

Drillsite located in both the NENE of Section 6, Township 3 South, Range 3 West and the NWNE of Section 6, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 6 Township 3 South, Range 3 West, Duchesne County, Utah.

UT 1-11-3-4WH

Drillsite located in the SESE of Section 2, Township 3 South, Range 4 West, with a well bore point of entry in the NENE of Section 11, Township 3 South, Range 4 West and a bottom hole location in the SESE of Section 11, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-12-3-4WH

Drillsite located in the NWNE of Section 12, Township 3 South, Range 4 West, with a wellbore point of entry in the NENE of Section 12, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 12, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-1-3-4WH

Drillsite located in both the NWNW of Section 1, Township 3 South, Range 4 West, and the SWSW of Section 36, Township 2 South, Range 4 West, with a bottom hole location in the SWSW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-2-3-4WH

Drillsite located in the NWNW of Section 2, Township 3 South, Range 4 West, with a bottom hole location in the SWSW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-5-3-3WH

Drillsite located in the NWNW of Section 5, Township 3 South, Range 3 West, with a bottom hole location in the SWSW of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-6-3-3WH

Drillsite located in both the NENW of Section 6, Township 3 South, Range 3 West, and the NWNW of Section 6, Township 3 South, Range 3 West, with a well bore point of entry in the NWNW of Section 6, Township 3 South, Range 3 West, and a bottom hole location in the SWSW of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-32-2-3WH

Drillsite located in both the NWNW of Section 32, Township 2 South, Range 3 West, and the SWSW of Section 29, Township 2 South, Range 3 West, with a well bore point of entry in the NWNW of Section 32, Township 2 South, Range 3 West, and a bottom hole location in the SWSW of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

Exhibit “B” continued

UT 7-1-3-4W

Drillsite located in the SWNE of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-2-3-4W

Drillsite located in the SWNE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-6-3-3W

Drillsite located in the SWNE of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 10-31-2-3W

Drillsite located in both the NWSE of Section 31, Township 2 South, Range 3 West, and the SWNE of Section 31, Township 2 South, Range 3 West, with a bottom hole location in the NWSE of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 7-32-2-3W

Drillsite located in both the SENW of Section 32, Township 2 South, Range 3 West, and the SWNE of Section 32, Township 2 South, Range 3 West, with a bottom hole location in the SWNE of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 12-7-3-3W

Drillsite located in both the SWNW of Section 7, Township 3 South, Range 3 West, and the NWSW of Section 7, Township 3 South, Range 3 West, with a bottom hole location in the NWSW of Section 7, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 13-31-2-3W

Drillsite located in the SWSW of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 14-1-3-4W

Drillsite located in the SESW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 14-2-3-4W

Drillsite located in the SESW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed UT 1-18-19-3-3WH and the UT 2-18-19-3-3WH wells each drilled from the surface location to be positioned in the NENE of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of a portion of the road route is 4C Farms, LLC, whose address is HC 64 Box 278, Duchesne, UT 84021 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated December 14, 2011 covering the W2SESW of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

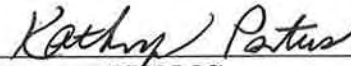


Peter Burns

ACKNOWLEDGEMENT

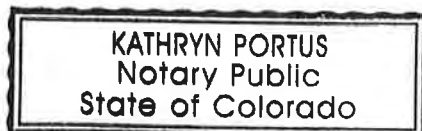
STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 31st day of January, 2013, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC

My Commission Expires:



My Commission Expires February 09, 2013

NEWFIELD



February 5, 2013

Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Ute Tribal 1-18-19-3-3WH**
Section 18, T3S, R3W
Section 19, T3S, R3W
Duchesne County, Utah

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the Ute Tribal 1-18-19-3-3WH from a surface location of 8' FNL & 756' FEL of Section 18, T3S, R3W ("Exception Location"). Newfield shall case and cement the Ute Tribal 1-18-19-3-3WH wellbore from the surface location to the point where the wellbore reaches the setbacks of 330' FNL & 660' FEL of Section 18, T3S, R3W granted to Newfield by the Utah Board of Oil, Gas and Mining in Docket No. 2012-039 and Cause No. 139-98. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

The proposed horizontal lateral of the Ute Tribal 1-18-19-3-3WH shall be drilled from north to south along the legal setbacks 660' FEL of Section 18 and Section 19. The lateral will be drilled to a bottom hole location 330' FSL & 660' FEL of Section 19.

In the event the horizontal lateral drifts west, this letter shall serve as consent to the exception location. Newfield is the operator of the McKenna 1-17-3-3WH, located in Section 17, T3S, R3W and the JW Moon 3-20-3-3WH located in Section 20, T3S, R3W.

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Ute Tribal 1-18-19-3-3WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-685-8025 or by email at jdembeck@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,



Jessica K. Dembeck
Land Associate

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388																														
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:																														
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:																														
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: UTE TRIBAL 1-18-3-3WH																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0015 FNL 0749 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 03.0W Meridian: U		9. API NUMBER: 43013516990000																														
9. FIELD and POOL or WILDCAT: WILDCAT		COUNTY: DUCHESNE																														
STATE: UTAH																																
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/21/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>																														
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield production Company respectfully requests approval to drill with 12.25 inch to 4000 feet TVD and set 9 5/8 inch surface casing so that we are able to cover known lost circulation zones within the Uintah formation. Attached please find an updated drilling plan reflecting these changes as well as minor changes to the geological tops and an upgrade in casing weights and surface BOP capabilities. BOP equipment will consist of entirely 10K equipment (BOP, Choke, Wellhead, Intermediate Casing) to insure pressure control.																																
Accepted by the Utah Division of Oil, Gas and Mining Date: March 28, 2013 By: <u>Don Hamilton</u>																																
NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent																														
SIGNATURE N/A	DATE 3/18/2013																															

Newfield Production Company
Ute Tribal 1-18-19-3-3WH
Surface Hole Location: 15' FNL, 749' FEL, Section 18, T3S, R3W
Bottom Hole Location: 330' FSL, 660' FEL, Section 19, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,900'
Garden Gulch member	6,714'
Uteland Butte	9,149'
Pilot Hole TD	0'
Lateral TD	8,302' TVD / 19,417' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	985'	(water)
Green River	6,714' - 8,302'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 10M system.

A 10M BOP system will consist of 3 ram preventers (double and single) and an annular preventer (see attached diagram). A choke manifold rated to at least 10,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	4,000'	40	N-80	BTC	8.33	8.33	14	5,750	3,090	916,000
									2.16	2.43	5.73
Intermediate 7	0'	9,132'	29	P-110	BTC	13	13.5	18	11,220	8,510	929,000
		9,513'							2.13	1.55	3.37
Production 4 1/2	8,609'	8,302'	13.5	P-110	BTC	13	13.5	--	12,410	10,670	422,000
		19,417'							2.60	2.13	2.89

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	1096	75%	13.5	3.53
				311			
Surface Tail	12 1/4	2,000'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	940	50%	15.8	1.17
				803			
Intermediate Lead	8 3/4	5,714'	Premium Lite II w/ 3% KCl + 10% bentonite	988	15%	11.0	3.53
				280			
Intermediate Tail	8 3/4	2,799'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	484	15%	14.3	1.24
				390			
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	--	--	--	--
				--			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
------------------------	---------------------------

Surface - 4,000'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

4,000' - TD

One of two possible mud systems may be used depending on offset well

performance on ongoing wells:

A water based mud: Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 13.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBDT to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.68 psi/ft gradient.

$$8,302' \times 0.68 \text{ psi/ft} = 5612 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone. The pilot hole will be logged, and then plugged back in preparation for horizontal operations. Directional tools will then be used to build to 93.00 degrees inclination. The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.

A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be placed 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

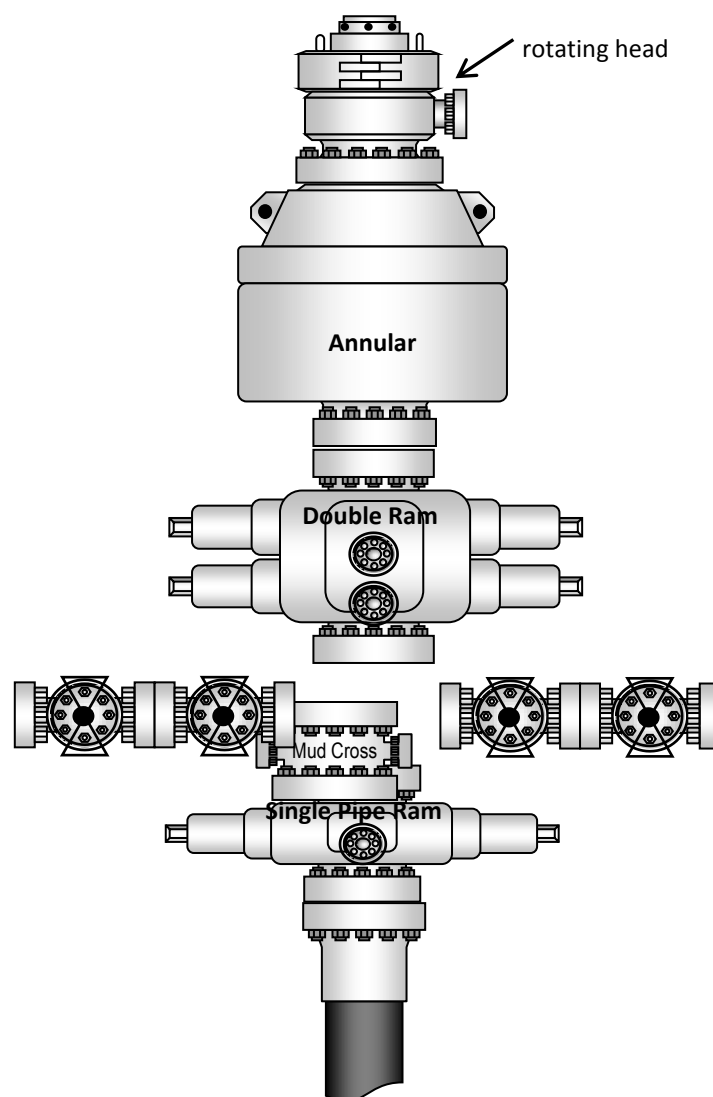
- Variance from Onshore Order #2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

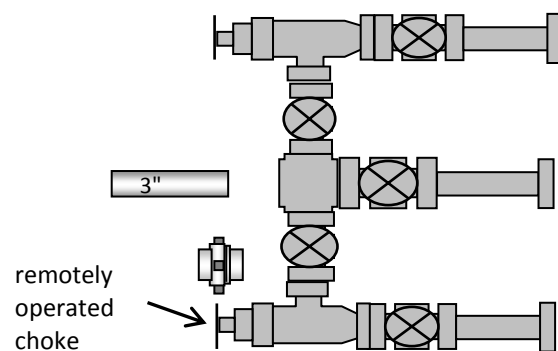
If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the

well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

Typical 10M BOP stack configuration



Typical 10M choke manifold configuration



EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

BOP TEST REPORT

DATE: 3-22-13 OPERATOR: Newfield RIG OR SITE#: Pioneer 78 SEC: 18 TNSHIP: 35 RANGE: 3W

FIELD: wild cat WELL#: Ute Tribal 1-18-19-3-36H TEST PRESSURE: 250/5000

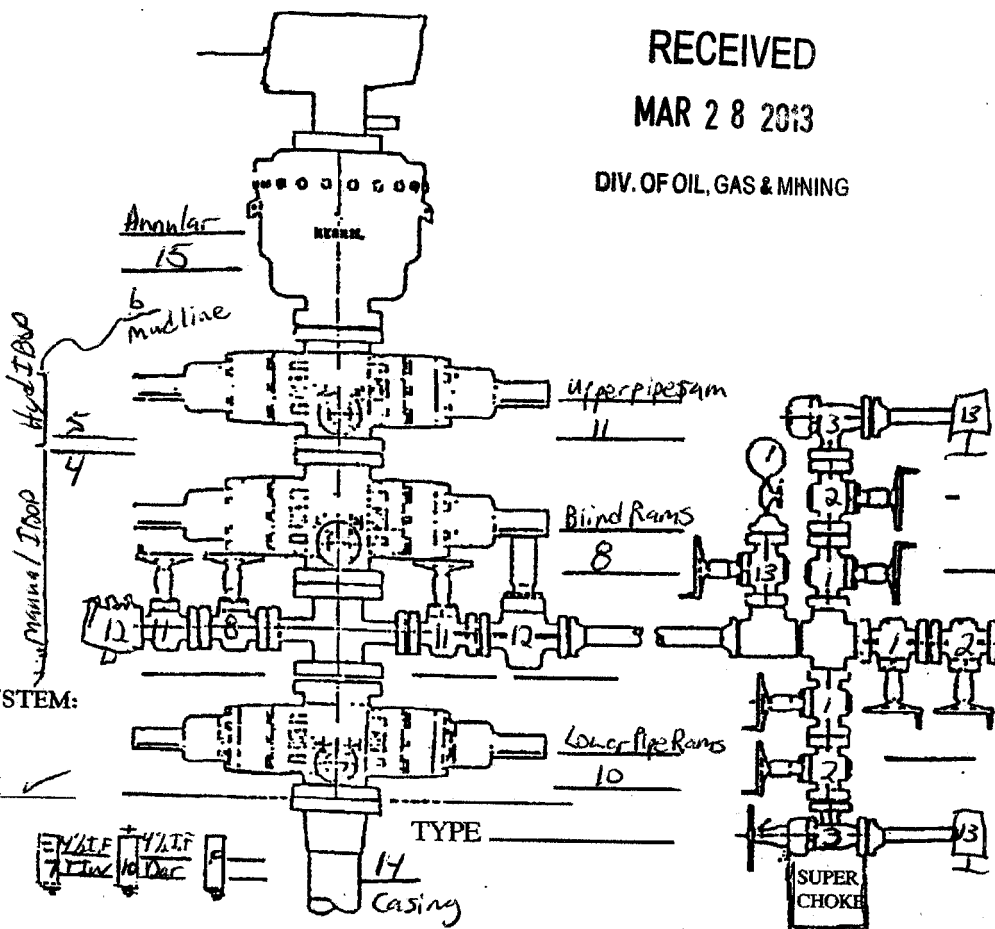
EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	15
UPPER PIPE RAMS	11
LOWER PIPE RAMS	10
BLIND RAMS	8
KILL LINE VALVES	8, 11, 12
HCR VALVE	12
CHOKE VALVES	11
MANIFOLD VALVES	1, 2, 13
SUPER CHOKE	3
MANUAL CHOKE	3
UPPER KELLY VALVE	5
LOWER KELLY VALVE	4
INSIDE BOP	7
FLOOR VALVE	10
CASING PRE. 1506	14
Mud line	6

RECEIVED

MAR 28 2013

DIV. OF OIL, GAS & MINING



ACCUMULATOR AND CLOSING SYSTEM:

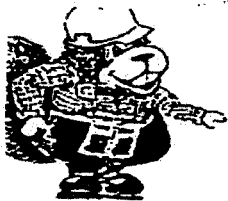
NITROGEN PRECHARGE PSI 900
FIELD CHECK ☒ GAUGE CHECK ☒
BOTTLES ☒ SPHERES

FUNCTION CHECK 1900
PUMP CHECK 31 sec
REMOTE OPERATION CHECK ☒
HYDRAULIC FLUID LEVEL ☒

OTHER TESTS: mnd line test #6

EQUIPMENT TYPE _____ PRESSURE _____

REPAIRS OR POTENTIAL PROBLEMS: we changed out both sets of Pipe Rams. Change out an O-ring in one of the hangers on the mud line.



EAGER BEAVER TESTERS

DATE: 3/22/13 COMPANY: Newfield RIG: Pioneer 78 WELL NAME & #: WeTribal 1-18-19-3-3WH

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 100 desired psi)
9. Record the remaining pressure 1900 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 31 sec (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 900 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi= 900 psi min.}) each bottle shall be independently checked with a gauge.

EAGER BEAVER TESTERS

DATE 3/22/13 COMPANY: New Field RIG: Pioneer 78 WELL NAME & #: Ute Tribal 1-18-19-S-36WH

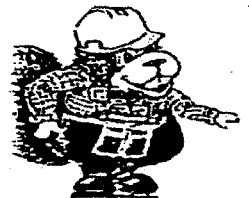
Time	Test No.	Results
5:30 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	1 Inside manifold valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:04 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	2 outside manifold valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:33 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	3 super choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
3:51 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	4 manual IBOP	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
1:20 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	5 Hydraulic IBOP	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:22 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	6 mud line	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
3:51 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	7 TIW	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
1:30 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	8 Blind, down stream manifold valves, Inside kill	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
1:58 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	9 Annular	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
1:36 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	10 Lower Pipe Ram, Dart	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
1:16 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	11 upper pipes, outside kill, Inside choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
1:03 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	12 HCR, check	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
1:33 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	13 Riser, Annular	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
3:58 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	14 Annular Casing	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
3:23 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	15 Retest Annular	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

cc. Tank Size (inches) (W D L) ÷ 231 = gal.

Rock Springs, WY (307) 382-3350
BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE

ompt & Efficient

24 Hr. Service



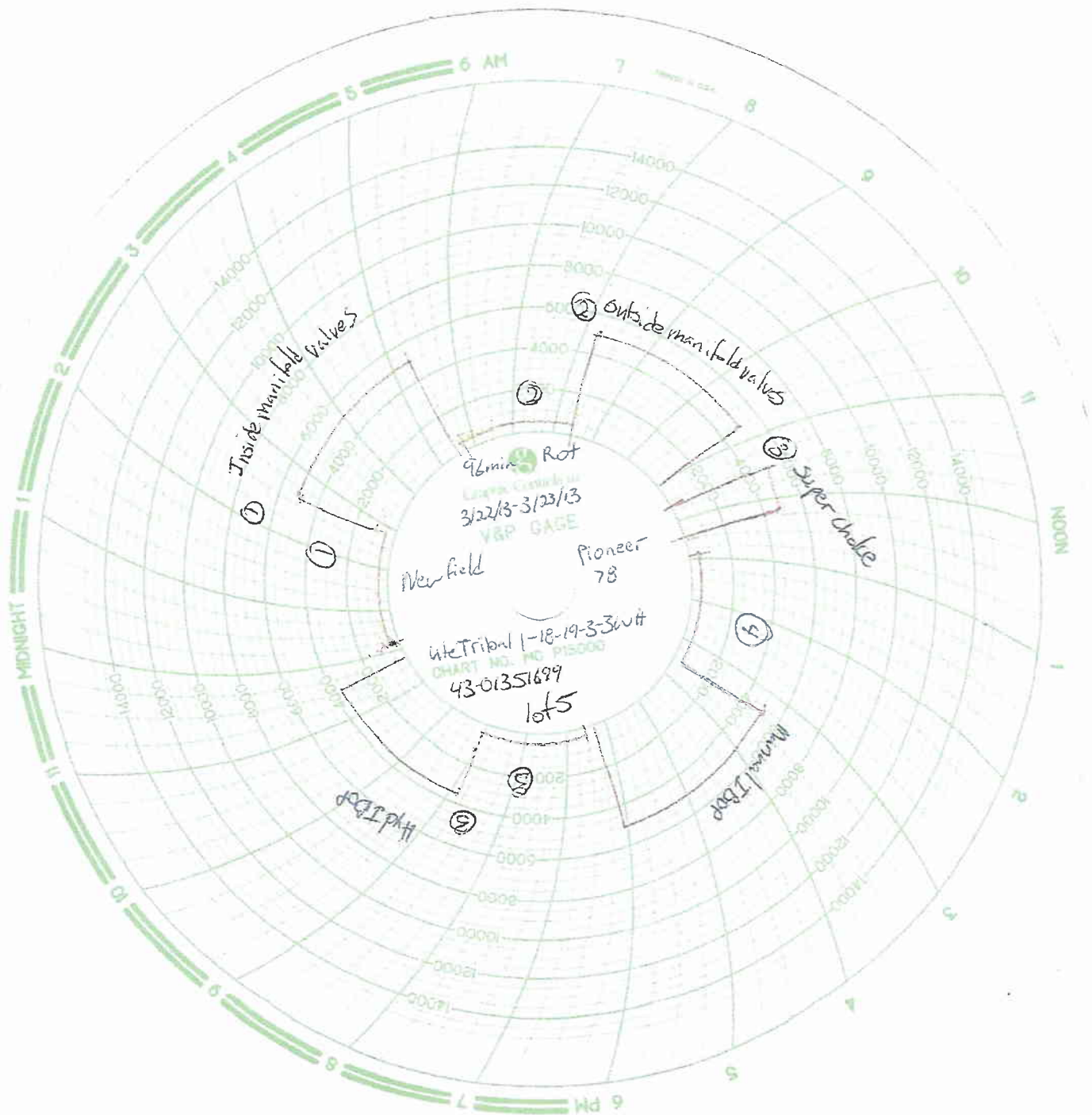
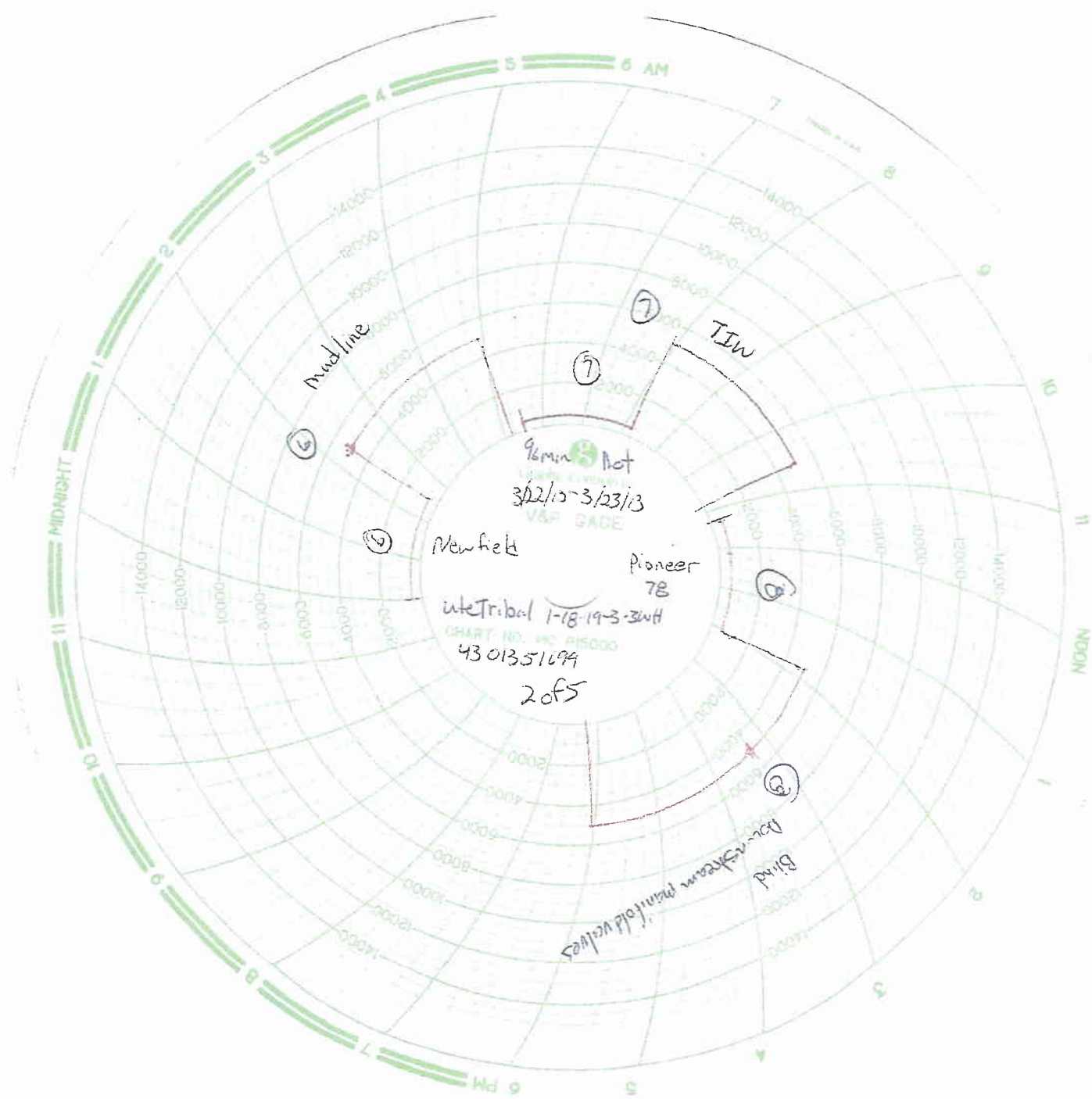


Chart #2 on Lexersl

1107-4500 5/10/12



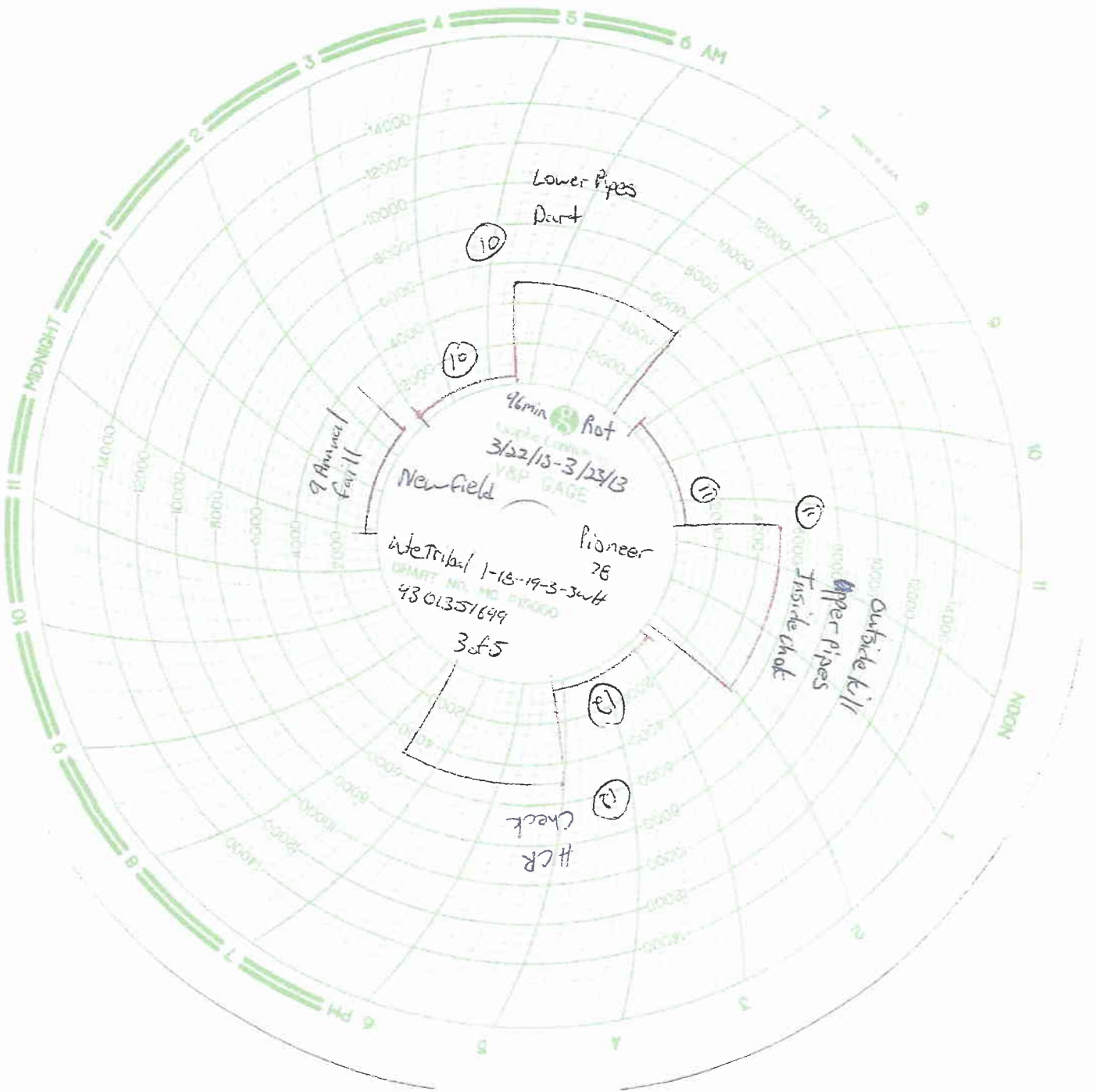
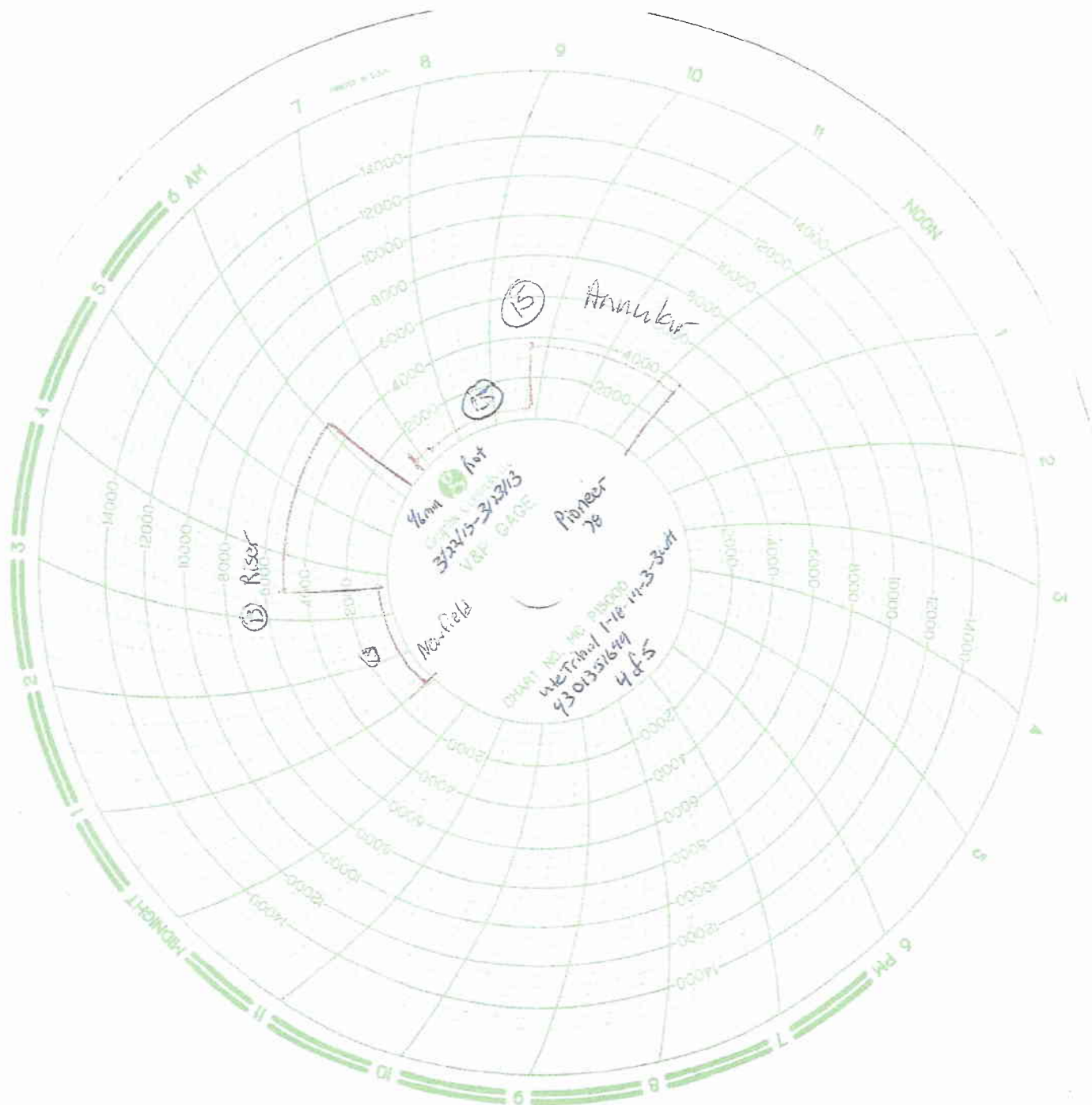
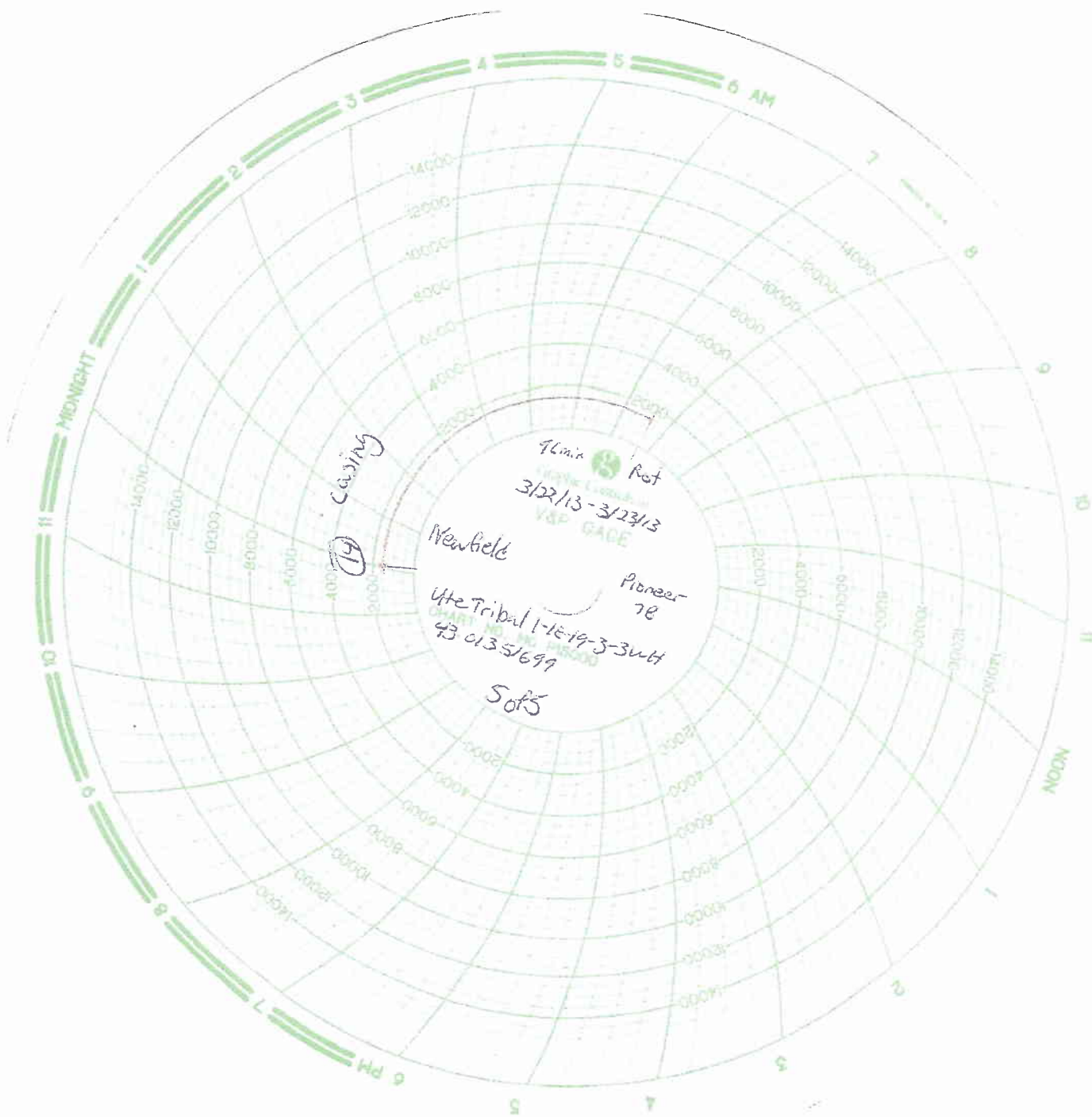


Chart #4 on Reverse





STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: UTE TRIBAL 1-18-19-3-3WH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0015 FNL 0749 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 03.0W Meridian: U		9. API NUMBER: 43013516990000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 2/23/2013	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Pete Martin Rig #11 spudded 26" hole on 02/23/2013 and drilled to 55' GL. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 55' GL and cemented to surface with 90 sks of Class G neat cement 15.8# & 1.17 yield.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 18, 2013		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 4/18/2013	

Casing / Liner Detail

Well	Ute Tribal 1-18-19-3-3WH
Prospect	Central Basin
Foreman	
Run Date:	2/23/2013
String Type	Conductor, 20", 52.78#, SA53B, W (Welded)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
0.00	55.00	2	20" Conductor Pipe	20.000	19.500

Cement Detail									
Cement Company:		Other							
Slurry Slurry 1	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives				
					Redi Mix to Surface				
Stab-In-Job?		No			Cement To Surface?		Yes		
BHT:		0			Est. Top of Cement:		0		
Initial Circulation Pressure:					Plugs Bumped?		No		
Initial Circulation Rate:					Pressure Plugs Bumped:				
Final Circulation Pressure:					Floats Holding?		No		
Final Circulation Rate:					Casing Stuck On / Off Bottom?		No		
Displacement Fluid:					Casing Reciprocated?		No		
Displacement Rate:					Casing Rotated?		No		
Displacement Volume:					CIP:		18:00		
Mud Returns:					Casing Wt Prior To Cement:				
Centralizer Type And Placement:						Casing Weight Set On Slips:			



Casing / Liner Detail

Well	Ute Tribal 1-18-19-3-3WH
Prospect	Central Basin
Foreman	
Run Date:	3/1/2013
String Type	Surface, 13.375", 54.5#, J-55, BTC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
0.00	972.25	23	13 3/8" Casing	13.375	12.615
972.25	1.50		Float Collar	13.375	
973.75	43.45	1	Shoe Joint	13.375	12.615
1,017.20	1.00		Guide Shoe		
1,018.20			-		

Cement Detail						
Cement Company:		Other				
Slurry Slurry 1	# of Sacks 1180	Weight (ppg) 15.8	Yield 1.15	Volume (ft³) 1357	Description - Slurry Class and Additives Premium Class G Cement with 2% CaCl2, and 1/4 lb/sk flocele.	
Stab-In-Job?		No			Cement To Surface?	Yes
BHT:		0			Est. Top of Cement:	0
Initial Circulation Pressure:		60			Plugs Bumped?	Yes
Initial Circulation Rate:		5			Pressure Plugs Bumped:	1000
Final Circulation Pressure:		520			Floats Holding?	Yes
Final Circulation Rate:		4			Casing Stuck On / Off Bottom?	No
Displacement Fluid:		Water			Casing Reciprocated?	No
Displacement Rate:		6			Casing Rotated?	No
Displacement Volume:		149			CIP:	16:47
Mud Returns:		Full			Casing Wt Prior To Cement:	
Centralizer Type And Placement:					Casing Weight Set On Slips:	
9 centralizers spaced 10' from the shoe, on top of joints #2 and #3 then every 3rd collar to surface.						



Casing / Liner Detail

Well	Ute Tribal 1-18-19-3-3WH		
Prospect	Central Basin		
Foreman	Lyle Hudnall	Thomas Frank	Mike Woolsey
Run Date:	4/5/2013		
String Type	Surface, 9.625", 40#, L-80, BTC (Generic)		

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
0.00	3906.55	87	9 5/8" Casing	9.625	8.835
3,906.55	1.45		Float Collar		
3,908.00	89.68	2	9 5/8" Casing	9.625	8.835
3,997.68	1.80		Float Shoe		

Cement Detail						
Cement Company:		Halliburton				
Slurry Slurry 1	# of Sacks 1565	Weight (ppg) 13.5	Yield 1.43	Volume (ft³) 2237.95	Description - Slurry Class and Additives Expandacem System	
Stab-In-Job?		No			Cement To Surface?	No
BHT:		0			Est. Top of Cement:	0
Initial Circulation Pressure:		186			Plugs Bumped?	Yes
Initial Circulation Rate:		3.5			Pressure Plugs Bumped:	1245
Final Circulation Pressure:		296			Floats Holding?	Yes
Final Circulation Rate:		5			Casing Stuck On / Off Bottom?	No
Displacement Fluid:		Mud			Casing Reciprocated?	No
Displacement Rate:		3			Casing Rotated?	No
Displacement Volume:		295			CIP:	13:00
Mud Returns:		Full			Casing Wt Prior To Cement:	150
Centralizer Type And Placement:					Casing Weight Set On Slips:	130
3 Bow Spring Centralizers on first 3 joints & Every Other One,						



Casing / Liner Detail

Well	Ute Tribal 1-18-19-3-3WH		
Prospect	Central Basin		
Foreman	Thomas Frank	Mike Woolsey	Craig Smith
Run Date:	4/15/2013		
String Type	Inter 1, 7", 29#, P-110, BTC (Generic)		

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
6,696.73	15.48	1	7" Cut Jt	7.000	6.184
26.00	6670.73	161	7"	7.000	6.184
8,909.41	9.46	1	7" MJ	7.000	6.184
6,712.21	2197.20	52	7"	7.000	6.184
8,918.87	1.02		FC		
8,919.89	33.76	1	7"	7.000	6.184
8,953.65	1.35		FS		
8,955.00			Bottom Of Shoe		

Cement Detail									
Cement Company:		Halliburton							
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives				
Slurry 3	380	14	1.34	509.2	BONDCEM System, .5% HR-800, 50lb Sack, 1LBM Granulite TR 1/4 50 lb sack, .1% SA-1015 50lb sack, 5% Microbond, 5.97 Gal Fresh Water				
Slurry 2	360	12.5	1.96	705.6	VERSACEM System, .5% HR-800, 50lb Sack, .125 lbm Poly-E-Flake, 10.59 gal Fresh Water				
Slurry 1	100	12.5	1.96	196	VERSACEM System, 10.59 Gal Fresh Water				
Stab-In-Job?		No					Cement To Surface?		Yes
BHT:		175					Est. Top of Cement:		0
Initial Circulation Pressure:		500					Plugs Bumped?		Yes
Initial Circulation Rate:		5					Pressure Plugs Bumped:		2600
Final Circulation Pressure:		2100					Floats Holding?		Yes
Final Circulation Rate:		5					Casing Stuck On / Off Bottom?		No
Displacement Fluid:		Mud					Casing Reciprocated?		No
Displacement Rate:		3					Casing Rotated?		No
Displacement Volume:		330					CIP:		3:21
Mud Returns:		Full					Casing Wt Prior To Cement:		225
Centralizer Type And Placement:							Casing Weight Set On Slips:		175
Centralizer Placement; 1ea jt 1, 2, then 1 ea every other jt from jt 3 thru jt 53 (6721')									





BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78
Submitted By Mike Woolsey/ Craig Smith Phone Number 970-812-0022
Well Name/Number Ute Tribal 1-18-19-3-3WH
Qtr/Qtr NE/NE Section 18 Township 3S Range 3W
Lease Serial Number _____
API Number ~~40313516990000~~ 4301351699

Rig Move Notice – Move drilling rig to new location.

Date/Time _____ AM ☐ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

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Date/Time 3-20-2013 6:00 AM ☐ PM ☒

Remarks _____



EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

BOP TEST REPORT

DATE: 4-7-13 OPERATOR: Newfield RIG OR SITE#: Pioneer 78 SEC: 18 TNSHIP: 35 RANGE: 3W

FIELD: Wildcat WELL#: UTE Tribal 1-18-19-3-344 TEST PRESSURE: 250/10,000

APR 4 3-013-51699

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	7
UPPER PIPE RAMS	9
LOWER PIPE RAMS	8
BLIND RAMS	12
KILL LINE VALVES	9, 10, 11
HCR VALVE	10
CHOKE VALVES	9
MANIFOLD VALVES	5, 11, 12
SUPER CHOKE	6
MANUAL CHOKE	✓
UPPER KELLY VALVE	2
LOWER KELLY VALVE	1
INSIDE BOP	8
FLOOR VALVE	12
CASING PRE. 1500	13

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ACCUMULATOR AND CLOSING SYSTEM:

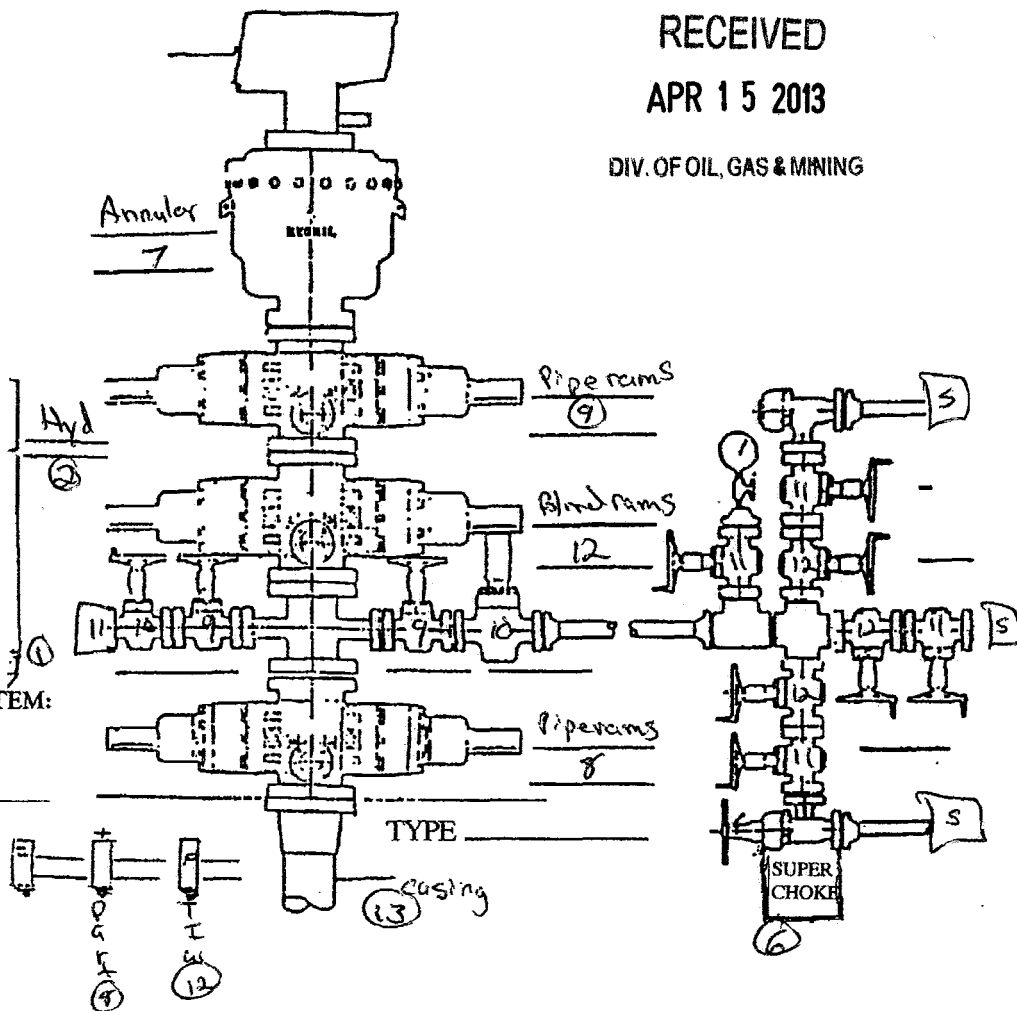
NITROGEN PRECHARGE PSI 1000
FIELD CHECK ☒ GUAGE CHECK ☒
BOTTLES ☒ SPHERES ☒

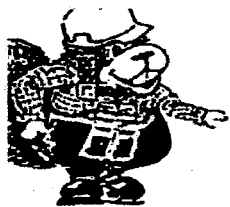
FUNCTION CHECK 1500
PUMP CHECK 38 sec
REMOTE OPERATION CHECK ☒
HYDRAULIC FLUID LEVEL ☒

OTHER TESTS:

EQUIPMENT TYPE midline PRESSURE 250/4000 psi (3)

REPAIRS OR POTENTIAL PROBLEMS:





EAGER BEAVER TESTERS

DATE: 4/18/13 COMPANY: Newfield RIG: Pioneer 78 WELL NAME & #: Ute Tribal 1-18-17-3-3wH

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 100 desired psi)
9. Record the remaining pressure 1800 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 38 sec (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 1000 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi=

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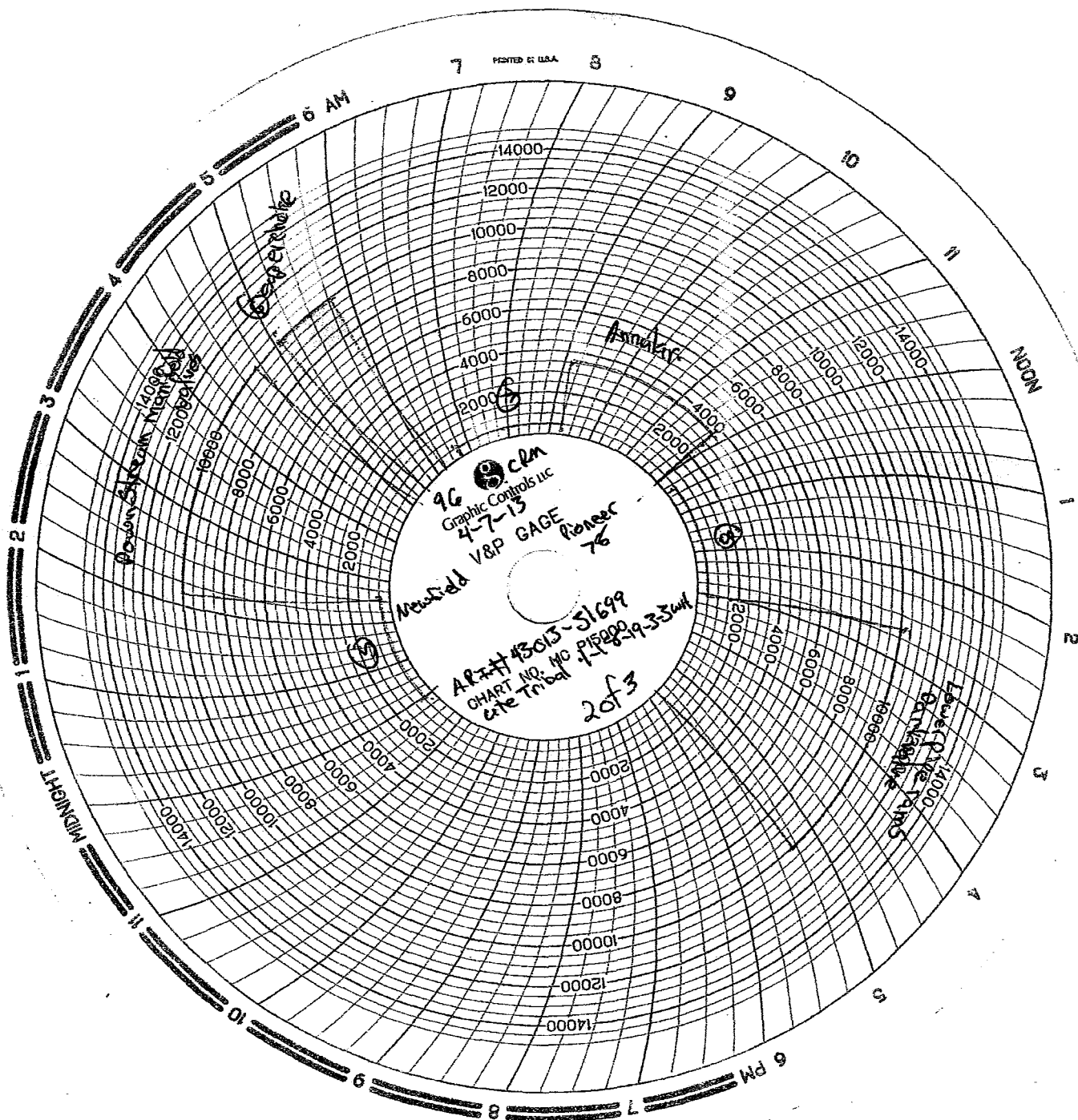
DATE: 4/5/13 COMPANY: Newfield RIG: Pioneer 78 WELL NAME & #: Ute Tribal 1-18-19-3-36H

Time	Test No.		Results
8:31 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	1	Manual - I top 250/10mins & 5000/10mins	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:11 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	2	Hyd - Hyd - I top 250/10mins & 3000/10mins	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:00 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	3	Mud line Back to pumps 250/10mins + 4000/10mins	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:57 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	4	TIW Valve 250/10min + 5000/10mins	Pass <input checked="" type="checkbox"/> Fail <input checked="" type="checkbox"/>
11:41 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	5	Down Stream manifold valves 250/10mins + 10000/10mins	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
12:12 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	6	Super choke 10,000 2mins / 10,000	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:10 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	7	Annular 250/10min 3500/10mins	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:40 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	8	Lower Pipe Rams, Dart valve	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:08 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	9	Upper Pipe Rams, Inside kill, Inside choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:35 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	10	HCR, outside kill line valve	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:05 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	11	Check, riser, outside manifold valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:08 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	12	Blinds, Inside manifold valves, TIW	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
11:06 AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	13	Casing	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	14	CHARTS 1-13 (for lines 1-12) CHART 1 OF 1 for line (13)	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (inches) (W D L) ÷ 231 = gal.

Rock Springs, WY (307) 382-3350
BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE





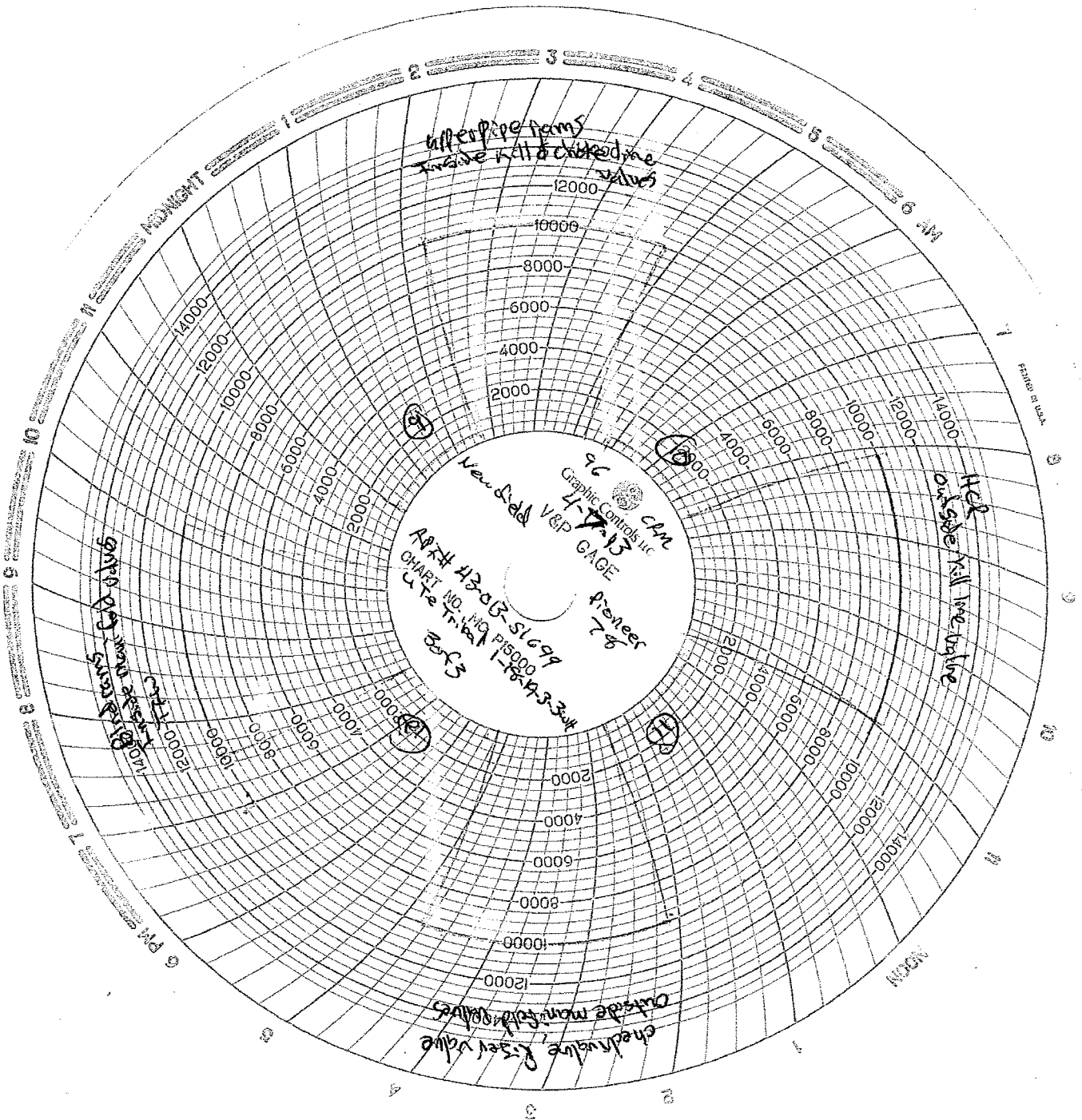
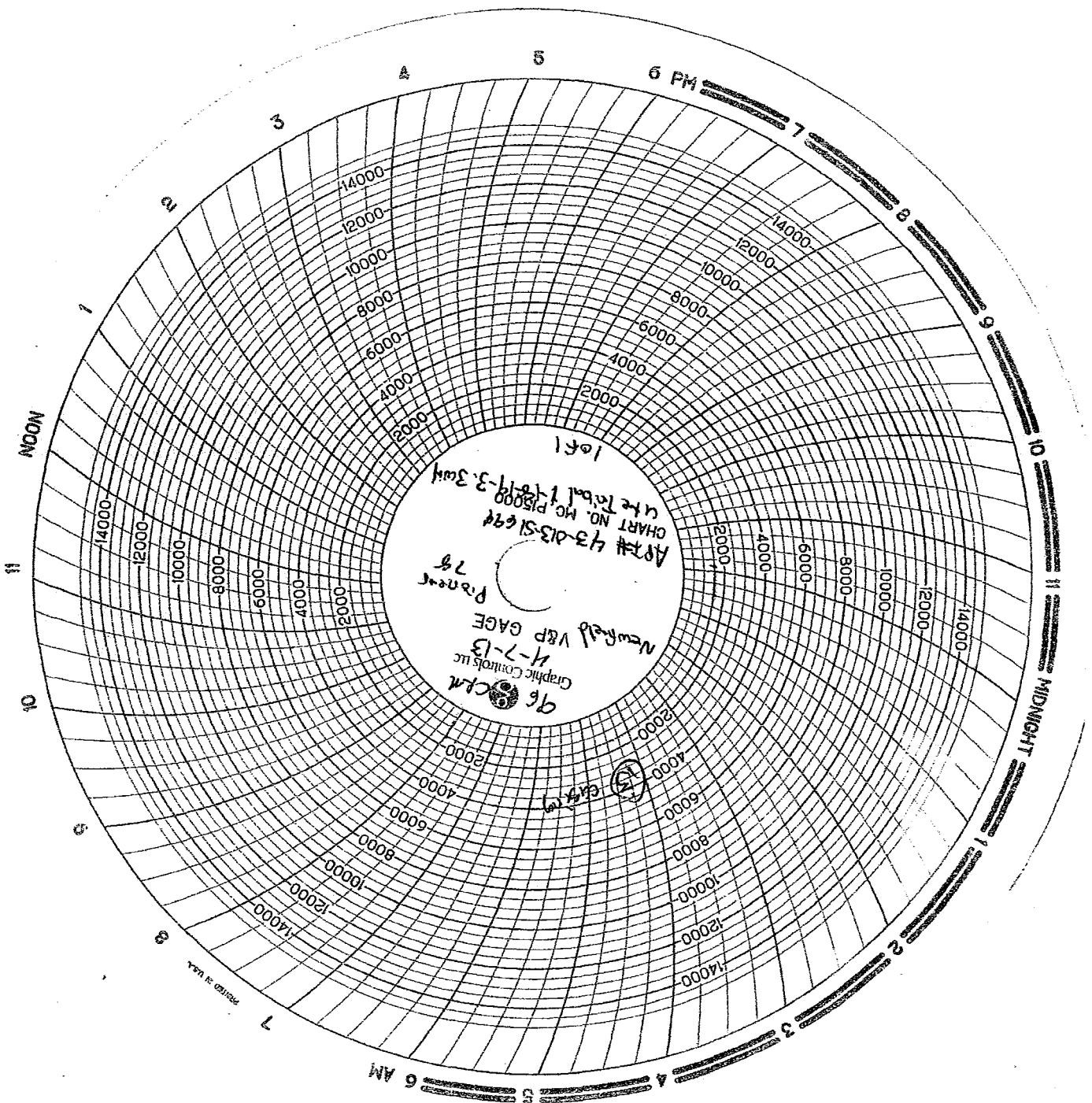


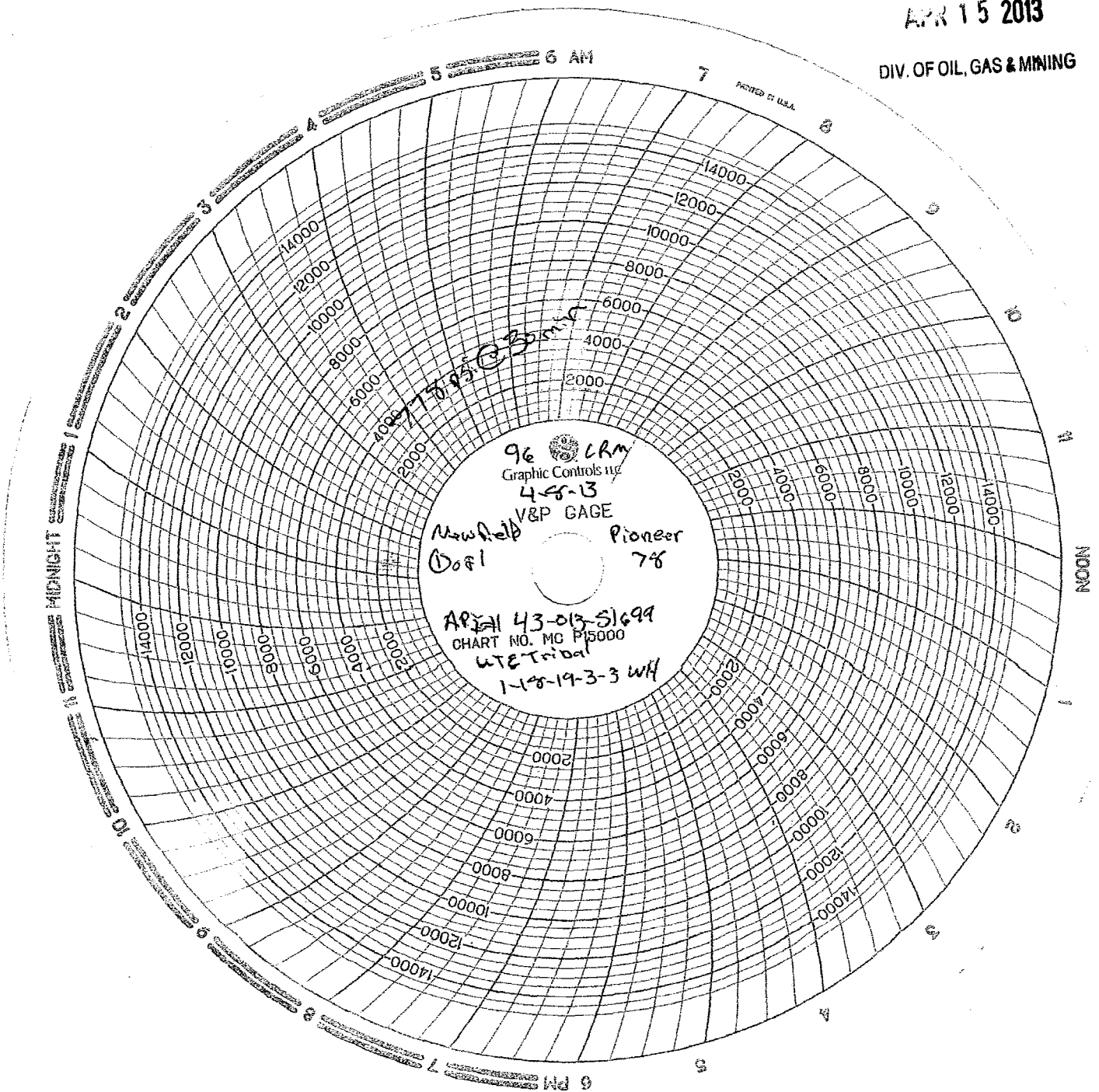
Chart (1 of 1) on Reverse



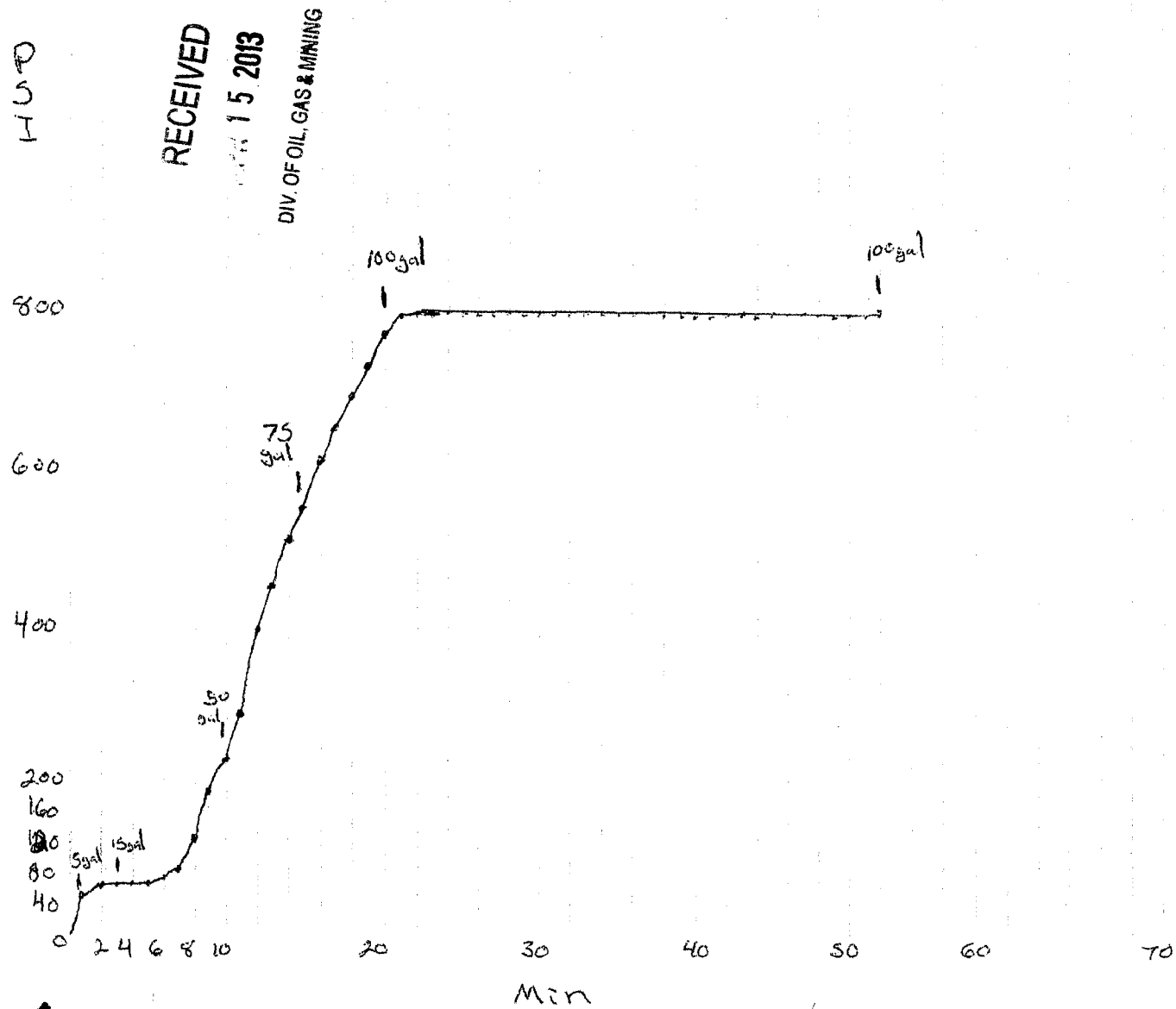
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NEW MEXICO
Pioneer 75
UTE Tribal 11819-3-3WH 43013-51699





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P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

BOP TEST REPORT

43 013 51699

DATE: 4/4/13 OPERATOR: Newfield RIG OR SITE#: Panor 78 SEC: 18 TNSHIP: 35 RANGE: SW

FIELD: UTETRIAL 1-18-19-3-SWH WELL#: UTETRIAL 1-18-19-3-SWH TEST PRESSURE: 250/10000

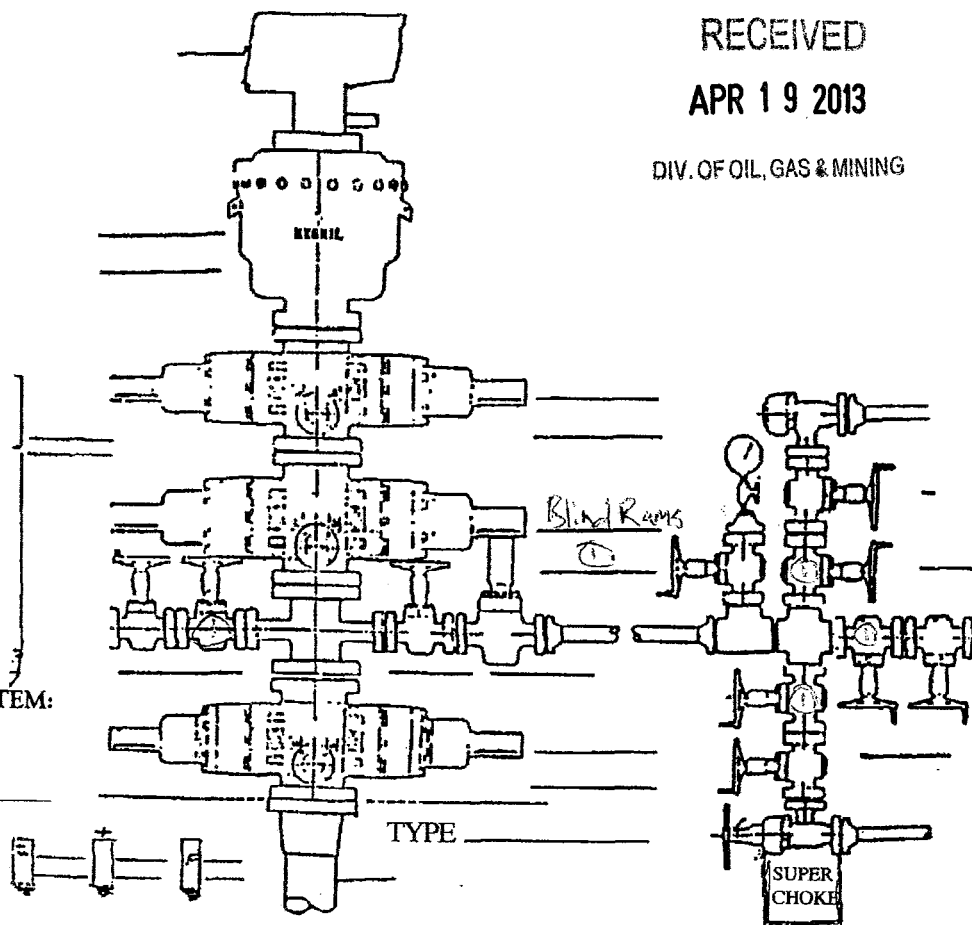
EQUIPMENT PRESSURE TESTED:

ANNULAR 50% _____
UPPER PIPE RAMS _____
LOWER PIPE RAMS _____
BLIND RAMS _____
KILL LINE VALVES _____
HCR VALVE _____
CHOKE VALVES _____
MANIFOLD VALVES _____
SUPER CHOKE _____
MANUAL CHOKE _____
UPPER KELLY VALVE _____
LOWER KELLY VALVE _____
INSIDE BOP _____
FLOOR VALVE _____
CASING PRE. _____

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ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI _____
FIELD CHECK _____ GAUGE CHECK _____
BOTTLES _____ SPHERES _____
FUNCTION CHECK _____
PUMP CHECK _____
REMOTE OPERATION CHECK _____
HYDRAULIC FLUID LEVEL _____

OTHER TESTS:

EQUIPMENT TYPE _____ PRESSURE _____

REPAIRS OR POTENTIAL PROBLEMS:

EAGER BEAVER TESTERS

DATE: 4-4-13 COMPANY: Newfield RIG: Pioneer 78 WELL NAME & #: UT-TRIBAL L-18-19-3-3WH

Time	Test No.	Results
9:55 AM <input type="checkbox"/> PM <input type="checkbox"/>	1	Blind Rams, inside kill valve, inside manifold valves Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	2	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	3	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	4	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	5	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	6	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	7	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	8	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	9	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	10	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	11	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	12	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	13	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	14	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (inches) (_____ W _____ D _____ L) ÷ 231 = _____ gal.

Rock Springs, WY (307) 382-3350
BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE



(SHELL TEST)
BLIND RAMS, INSIDE KILL LINE VALVE, INSIDE MAN FOLD VALVES

11-14-13

Newfield

PIPING 78

USE TR 1 BAL 1-18-19-3-3 WH
API 44-013-51699

① OF 1

PLEASE NOTE:

ORIGINAL CHART ON
LOCATION, SCANNER
BROKEN SO ONLY
A PHOTO OF ORIGINAL
PROVIDED



EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

BOP TEST REPORT

DATE: 4/16/13 OPERATOR: Newfield RIG OR SITE#: Pioneer 78 SEC: 18 TNSHIP: 35 RANGE: 3w

FIELD: Wild Cat WELL#: Ute Tribal / 1-18-19-3-36H TEST PRESSURE: 250 / 7000

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	<u>4</u>
UPPER PIPE RAMS	<u>6</u>
LOWER PIPE RAMS	<u>5</u>
BLIND RAMS	<u>11</u>
KILL LINE VALVES	<u>6, 7, 8</u>
HCR VALVE	<u>7</u>
CHOKE VALVES	<u>6</u>
MANIFOLD VALVES	<u>8, 9, 10</u>
SUPER CHOKE	<u>10</u>
MANUAL CHOKE	<u>10</u>
UPPER KELLY VALVE	<u>2</u>
LOWER KELLY VALVE	<u>1</u>
INSIDE BOP	<u>5</u>
FLOOR VALVE	<u>5</u>
CASING PRE. <u>2800 psi</u>	<u>12</u>
Mud line	<u>3</u>

ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI 900
FIELD CHECK ☒ GAUGE CHECK ☒
BOTTLES ☒ SPHERES ☒

FUNCTION CHECK 1800
PUMP CHECK 4.5 sec
REMOTE OPERATION CHECK ☒
HYDRAULIC FLUID LEVEL ☒

OTHER TESTS: mud line

EQUIPMENT TYPE _____ PRESSURE _____

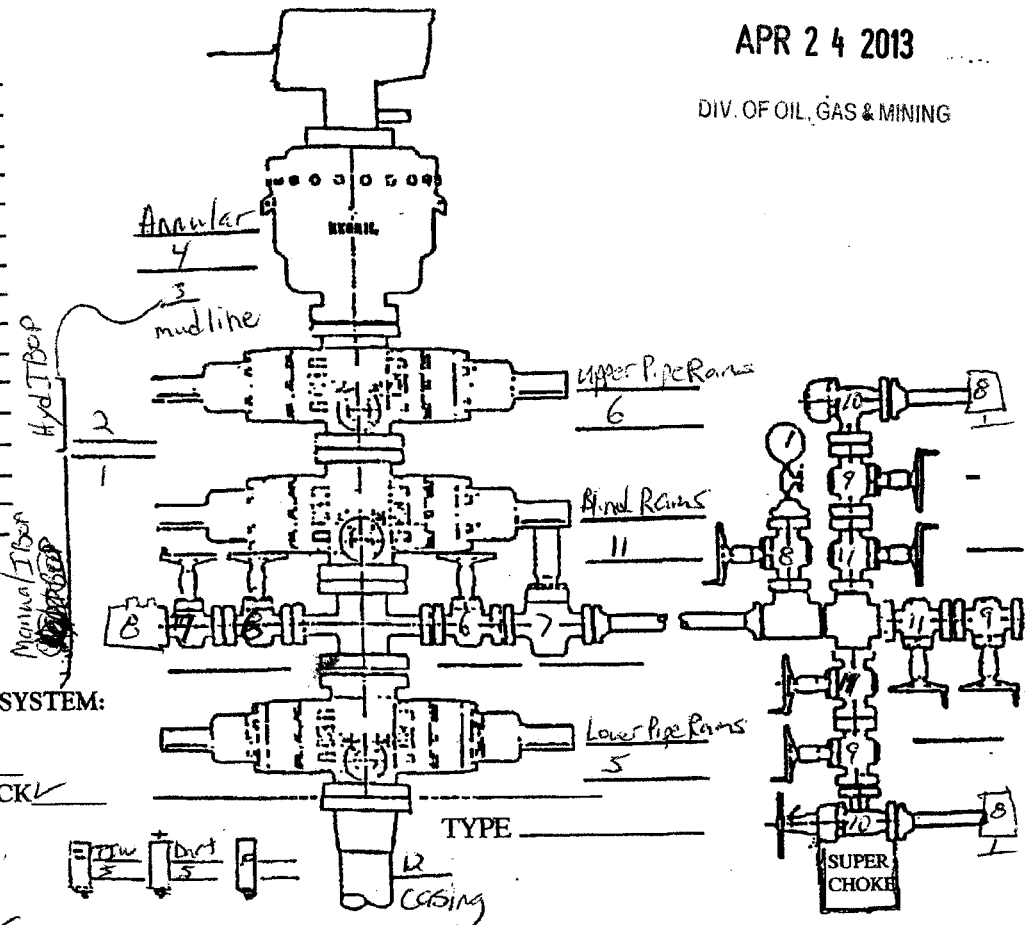
REPAIRS OR POTENTIAL PROBLEMS:

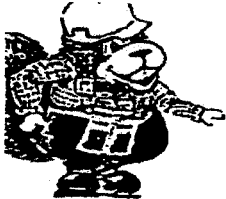
upper Pipe Rams would not hold pressure so we changed them twice + shear Rams would not hold pressure so we changed them to blind Rams.

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APR 24 2013

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EAGER BEAVER TESTERS

DATE: 7/18/13 COMPANY: Newfield RIG: Pioneer 7B WELL NAME & #: Wt. Trib. 1-18-19-3-3w4

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 100 desired psi)
9. Record the remaining pressure 1800 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 45 sec (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 900 PSI

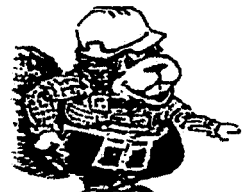
EAGER BEAVER TESTERS

DATE: 4/16/13 COMPANY: Newfield RIG: Pioneer 78 WELL NAME & #: Wte Tribal 1-18-14-3-34H

Time	Test No.	Results
9 AM <input type="checkbox"/> PM <input type="checkbox"/>	1	Manual IBOP Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
0 AM <input type="checkbox"/> PM <input type="checkbox"/>	2	Hyd IBOP Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
4 AM <input type="checkbox"/> PM <input type="checkbox"/>	3	mud line Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
08 AM <input type="checkbox"/> PM <input type="checkbox"/>	4	Annular Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
2 AM <input type="checkbox"/> PM <input type="checkbox"/>	5	Lower Pipe Rams, Dirt, TIW Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
0 AM <input type="checkbox"/> PM <input type="checkbox"/>	6	Upper Pipes, Inside kill, T, inside choke Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
6 AM <input type="checkbox"/> PM <input type="checkbox"/>	7	HCR, outside kill Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
05 AM <input type="checkbox"/> PM <input type="checkbox"/>	8	Check, Riser, Down Stream manifold valves Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
49 AM <input type="checkbox"/> PM <input type="checkbox"/>	9	Outside manifold valves Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10 AM <input type="checkbox"/> PM <input type="checkbox"/>	10	Swivel choke, Manual choke Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
52 AM <input type="checkbox"/> PM <input type="checkbox"/>	11	Blind Rams, Inside manifold valves Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	12	Casing, Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	13	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	14	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

∴ Tank Size (inches) (W D L) ÷ 231 = gal.

Rock Springs, WY (307) 382-3350
OP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE



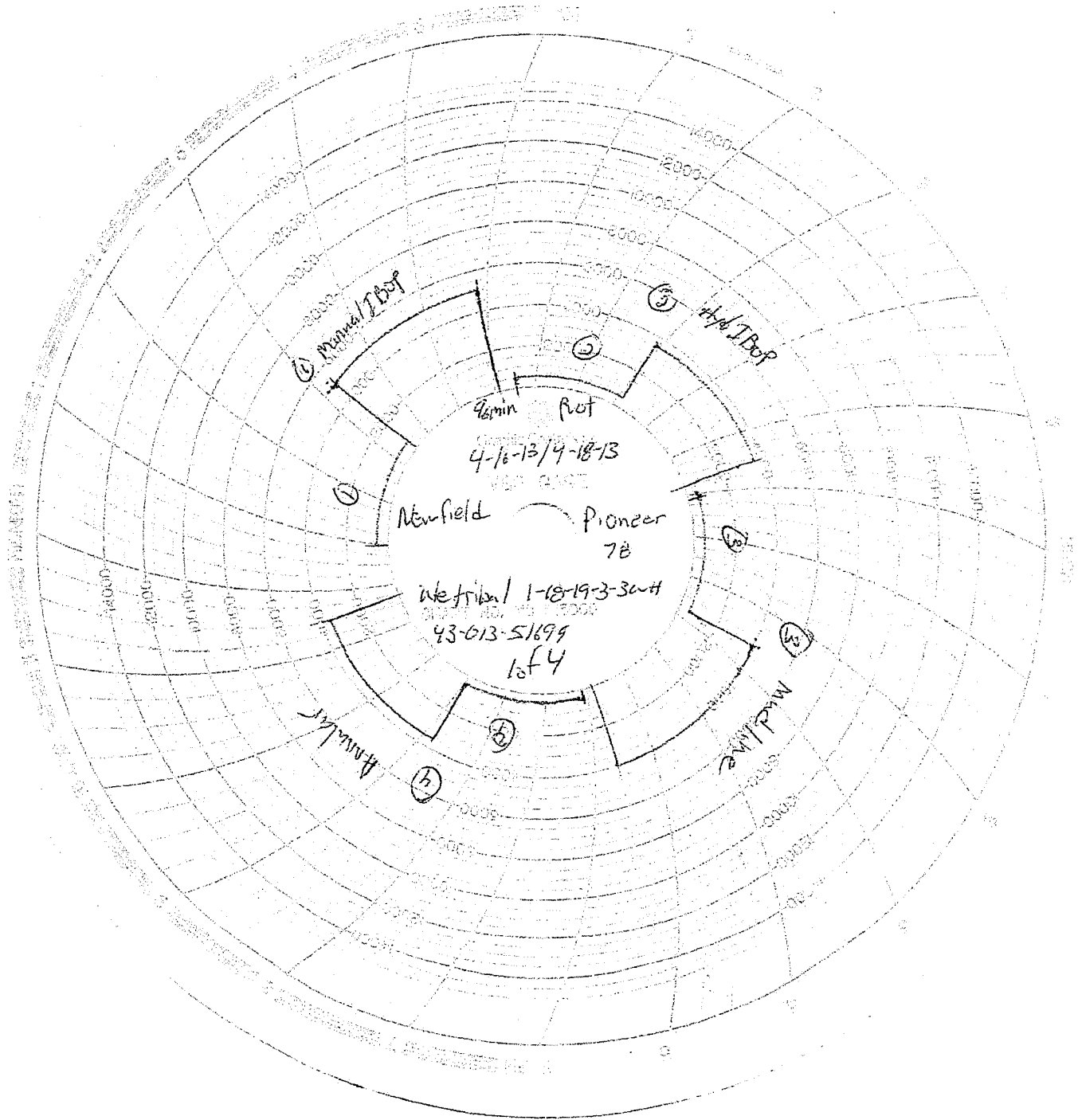


Chart #2 on Reverse

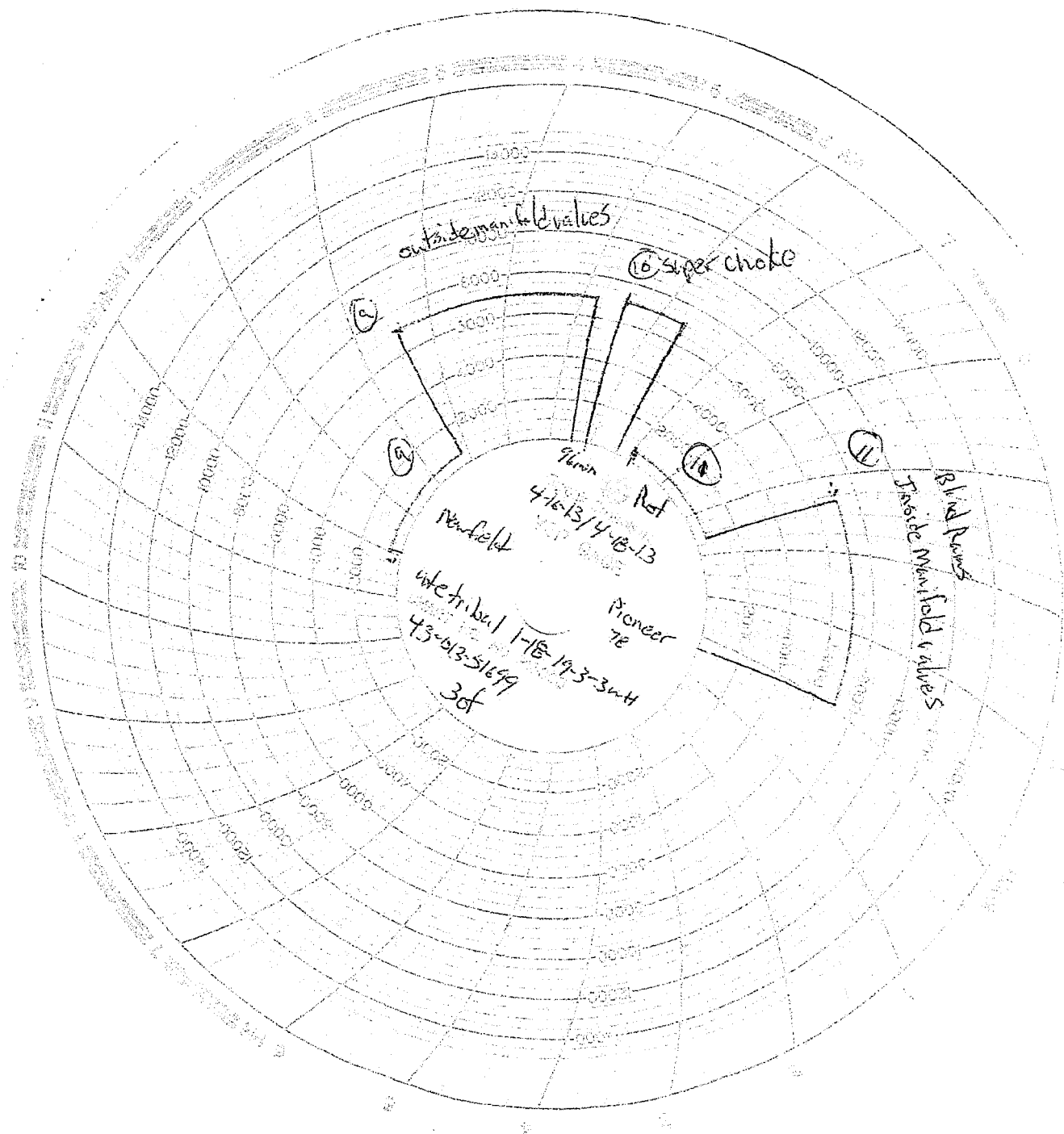
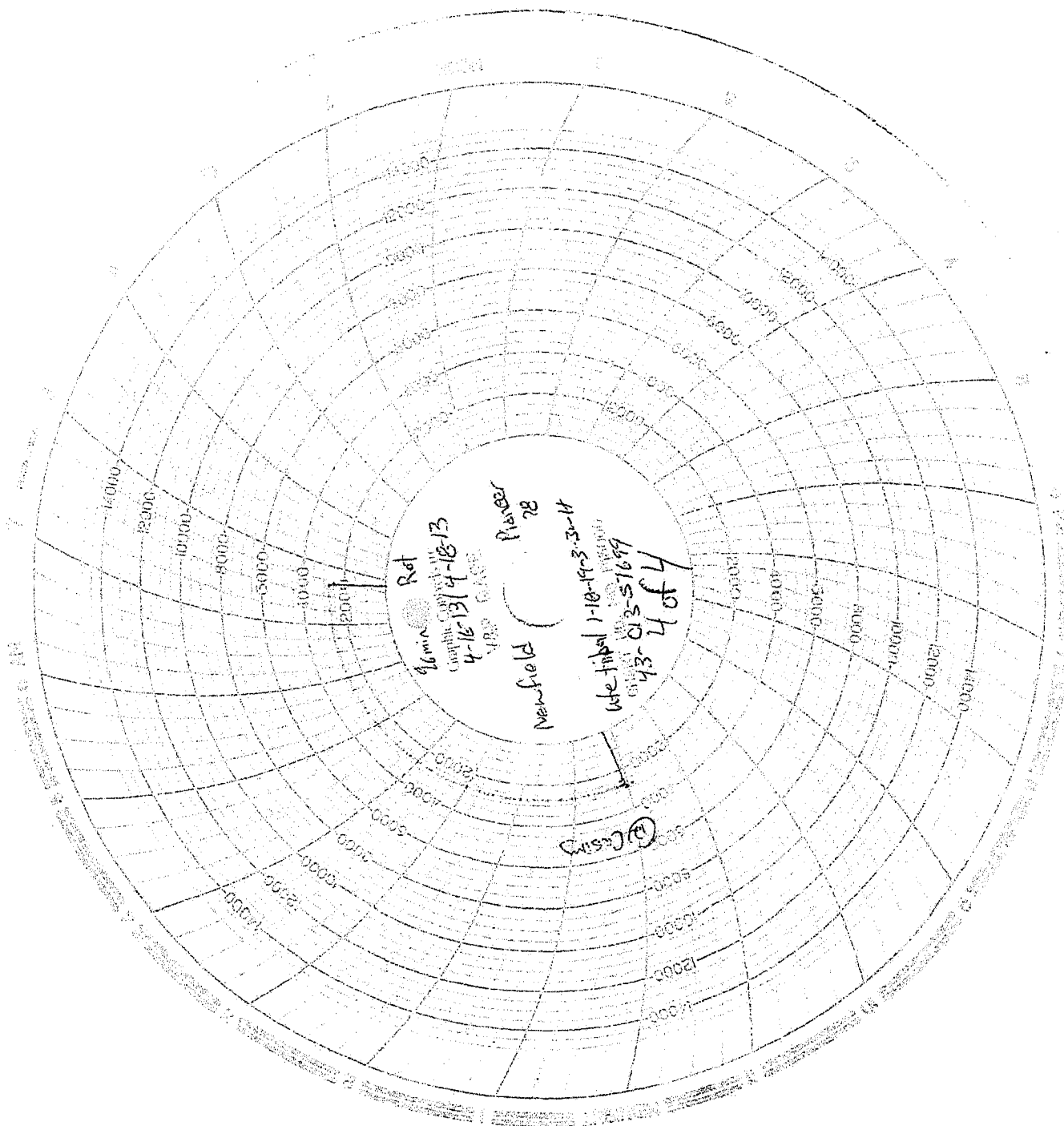


Chart # 4 on Reverse



2013-01-13



EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

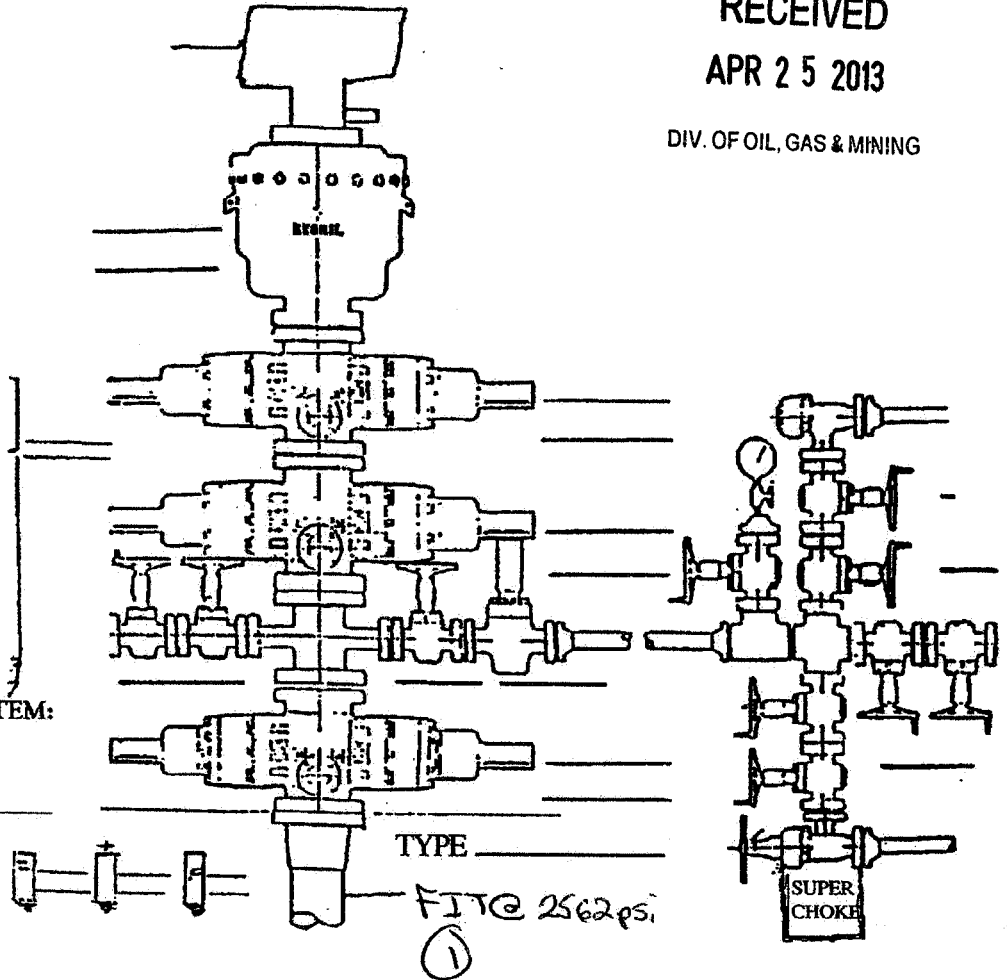
BOP TEST REPORT

DATE: 4-26-13 OPERATOR: Newfield RIG OR SITE#: Pioneer 78 SEC: 18 TNSHIP: 35 RANGE: 3W

FIELD: Wildcat WELL#: ATE Tribal 1-18-19-3-3WH TEST PRESSURE: 2562 psi

API# 43-013-51699-0000
EQUIPMENT PRESSURE TESTED:

ANNULAR 50% X
UPPER PIPE RAMS X
LOWER PIPE RAMS X
BLIND RAMS X
KILL LINE VALVES X
HCR VALVE X
CHOKE VALVES X
MANIFOLD VALVES X
SUPER CHOKE X
MANUAL CHOKE X
UPPER KELLY VALVE X
LOWER KELLY VALVE X
INSIDE BOP X
FLOOR VALVE X
CASING PRE. X
FIT 2562 psi



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ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI N/A
FIELD CHECK GUAGE CHECK
BOTTLES SPHERES

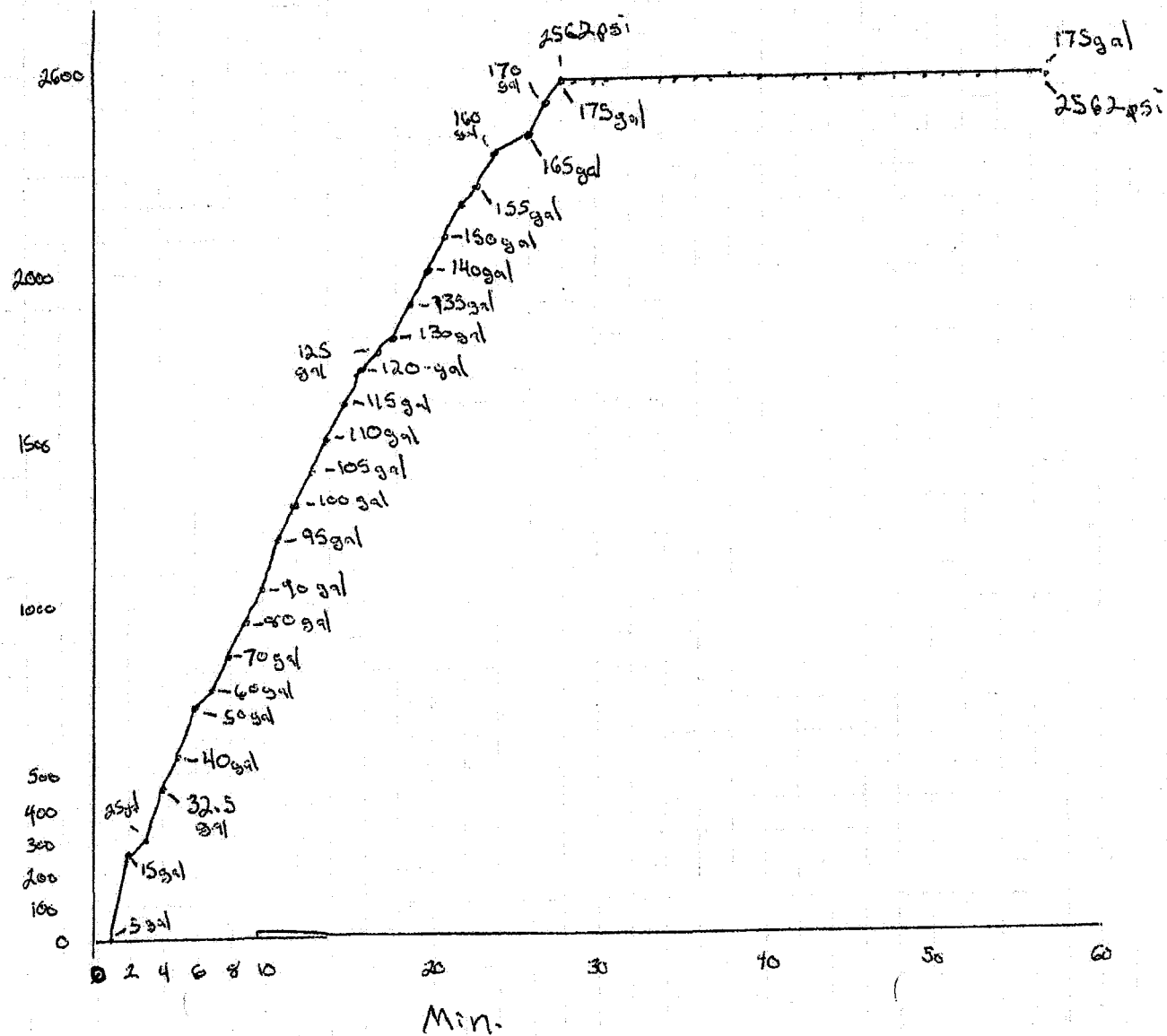
FUNCTION CHECK N/A
PUMP CHECK N/A
REMOTE OPERATION CHECK ✓
HYDRAULIC FLUID LEVEL N/A

OTHER TESTS:

EQUIPMENT TYPE PRESSURE

REPAIRS OR POTENTIAL PROBLEMS:

Pressure



① FHC 2562-851

96 CRN

Newfield 4-20-13

① 051

Pioneer
78

API# 43-013-51699-002

UTE Tribal
1-18-19-3-3WH

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78
Submitted By craig smith Phone Number 1-970-812-0022
Well Name/Number Ute Tribal 1-18-19-3-3 WH
Qtr/Qtr NE/NE Section 18 Township 3S Range 3W
Lease Serial Number FEE
API Number 43013516990000

Rig Move Notice – Move drilling rig to new location.

Date/Time _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☒ 30 day BOPE test
☐ Other

Date/Time 5/13/2013 0500 AM ☒ PM ☐

Remarks _____

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DIV. OF OIL, GAS & MINING

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer
78 Submitted By Darryl Reeder Phone Number
970.812.0022

Well Name/Number Ute Tribal 1-18-19-3-3WH
Qtr/Qtr NE/NE Section 18 Township 3S Range 3W
Lease Serial Number FEE
API Number 43013516990000

TD Notice – TD is the final drilling depth of hole.

Date/Time 5/24/13 3:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time _____ AM ☐ PM ☐

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MAY 23 2013

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MAY 23 2013

DIV. OF OIL, GAS & MINING

Form 3160-4
(March 2012)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. 14-20-H62-6388			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						6. If Indian, Allottee or Tribe Name UINTAH AND OURAY			
2. Name of Operator NEWFIELD PRODUCTION COMPANY						7. Unit or CA Agreement Name and No.			
3. Address ROUTE #3 BOX 3630 MYTON, UT 84052						8. Lease Name and Well No. UTE TRIBAL 1-18-19-3-3WH			
3a. Phone No. (include area code) Ph: 435-646-3721						9. API Well No. 43-013-51699			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 15' FNL 749' FEL (NE/NE) Sec 18, T3S, R3W At top prod. interval reported below 458' FNL 665' FEL (NE/NE) Sec 18, T3S, R3W At total depth 390' FSL 738' FEL (SE/SE) Sec 19, T3S, R3W						10. Field and Pool or Exploratory UNDESIGNATED			
						11. Sec., T., R., M., on Block and Survey or Area Sec 18, T3S, R3W, Mer U			
						12. County or Parish DUCHESENE		13. State UT	
14. Date Spudded 02/23/2013		15. Date T.D. Reached 05/30/2013		16. Date Completed 08/30/2013 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 5461' GL 26'KB			
18. Total Depth: MD 19580' TVD 8691'		19. Plug Back T.D.: MD 19553' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" J-55	54.5#	0	1018'		1180 CLASS G			
12-1/4"	9-5/8" N-80	40#	0	3998'		1565 Expandace			
8-3/4"	7" P-110	29#	26'	8955'		509 Bondcem		650'	
						460 Versacem			
6-1/8"	4-1/2" P-110	13.5#	8489'	19559'					
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@8306	XN@8292'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A) Green River	9829'	19456'	9829'-19456' MD		0.34	564			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
9829'-19456' MD		Frac w/ 15000#s of 100 mesh and 357885#s of 30/50 sand in 92652 bbls of Lightning 17 fluid, in 40 stages.							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/30/13	9/10/13	24	→	1107	0'	541			Gas Lift
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)**30. Summary of Porous Zones (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**31. Formation (Log) Markers
GEOLOGICAL MARKERS**

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MARK GARDEN GULCH 1	6680' 6967'
				GARDEN GULCH 2 DOUGLAS CREEK MEMBER	7129' 7820'
				B LIMESTONE CASTLE PEAK	8286' 8762'
				UTELAND BUTTE UTELAND BUTTE A	9082' 9099'
				UTELAND BUTTE B UTELAND BUTTE C	9113' 9149'
				UTELAND BUTTE D WASATCH	9191' 9245'

32. Additional remarks (include plugging procedure):**33. Indicate which items have been attached by placing a check in the appropriate boxes:**

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*Name (please print) Heather CalderTitle Regulatory TechnicianSignature Heather CalderDate 10/21/2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



Weatherford[®]

SURVEY REPORT

Report Date: **5/24/2013**Customer: **Newfield**Job Name: **4029043**Well Name: **Ute Tribal 1-18-19-3-3WH**Field: **Central Basin**Rig: **Pioneer #78**Rig Loc: **Duchesne County**

Survey Calculation Method: Minimum Curvature						
Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	180.00 deg	52095 nT	65.84 deg	11.23 deg	0.00 deg	11.23 deg
Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	960.00 ft	3.21 deg	173.43 deg	958.77 ft	-40.83 ft	13.62 ft

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
1105.00	4.01	175.69	1103.48	-49.92	14.47	49.92	0.56
1200.00	2.49	196.55	1198.33	-55.21	14.13	55.21	2.00
1294.00	1.19	252.80	1292.28	-57.46	12.61	57.46	2.21
1389.00	0.95	246.25	1387.27	-58.06	10.95	58.06	0.28
1484.00	0.84	343.80	1482.26	-57.71	10.03	57.71	1.42
1579.00	0.71	355.95	1577.25	-56.46	9.80	56.46	0.22
1674.00	0.59	330.68	1672.25	-55.44	9.52	55.44	0.32
1768.00	2.54	27.21	1766.21	-53.17	10.23	53.17	2.41
1863.00	2.79	31.19	1861.11	-49.32	12.39	49.32	0.33
1958.00	2.69	30.05	1956.00	-45.41	14.71	45.41	0.12
2053.00	2.76	33.65	2050.89	-41.58	17.09	41.58	0.19
2148.00	2.81	35.26	2145.78	-37.77	19.70	37.77	0.10
2243.00	2.79	31.45	2240.67	-33.90	22.25	33.90	0.20
2338.00	2.40	29.49	2335.57	-30.19	24.44	30.19	0.42
2433.00	2.49	30.94	2430.48	-26.69	26.48	26.69	0.11
2527.00	2.44	32.31	2524.39	-23.25	28.60	23.25	0.08
2622.00	2.44	31.14	2619.31	-19.81	30.72	19.81	0.05
2717.00	2.42	30.28	2714.22	-16.35	32.78	16.35	0.04
2812.00	2.46	31.02	2809.14	-12.87	34.84	12.87	0.05
2906.00	2.36	33.38	2903.05	-9.52	36.95	9.52	0.15
3001.00	2.18	38.00	2997.98	-6.47	39.14	6.47	0.27
3096.00	2.18	41.00	3092.91	-3.68	41.43	3.68	0.12
3191.00	2.20	41.83	3187.84	-0.96	43.84	0.96	0.04
3286.00	2.12	37.62	3282.77	1.79	46.12	-1.79	0.19
3381.00	1.93	43.03	3377.71	4.35	48.29	-4.35	0.28
3476.00	2.00	17.51	3472.66	7.10	49.88	-7.10	0.92
3571.00	1.89	13.53	3567.60	10.21	50.74	-10.21	0.18
3666.00	1.55	9.36	3662.56	13.00	51.32	-13.00	0.38
3761.00	1.57	1.50	3757.53	15.57	51.56	-15.57	0.23
3856.00	1.43	4.77	3852.49	18.05	51.70	-18.05	0.17
3979.00	1.11	355.82	3975.46	20.77	51.74	-20.77	0.31
4096.00	0.82	348.99	4092.45	22.72	51.49	-22.72	0.27
4191.00	0.49	318.72	4187.44	23.69	51.10	-23.69	0.49
4286.00	0.31	266.07	4282.44	23.98	50.57	-23.98	0.41
4382.00	0.49	357.53	4378.44	24.37	50.29	-24.37	0.61

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
4476.00	0.36	15.57	4472.43	25.06	50.36	-25.06	0.20
4571.00	0.10	138.12	4567.43	25.28	50.49	-25.28	0.44
4666.00	1.59	335.01	4662.42	26.42	49.99	-26.42	1.77
4760.00	3.63	342.01	4756.32	30.43	48.52	-30.43	2.19
4855.00	6.09	338.38	4850.97	37.98	45.73	-37.98	2.61
4949.00	6.31	344.73	4944.42	47.60	42.54	-47.60	0.77
5044.00	6.88	349.42	5038.79	58.23	40.12	-58.23	0.83
5139.00	5.63	346.52	5133.23	68.35	37.99	-68.35	1.36
5233.00	6.90	358.66	5226.67	78.48	36.78	-78.48	1.95
5328.00	5.32	354.10	5321.13	88.57	36.19	-88.57	1.74
5422.00	6.49	1.13	5414.63	98.21	35.85	-98.21	1.46
5517.00	4.81	0.40	5509.16	107.56	35.98	-107.56	1.77
5612.00	6.24	6.58	5603.72	116.68	36.60	-116.68	1.63
5706.00	4.98	8.47	5697.27	125.79	37.79	-125.79	1.35
5801.00	5.96	7.88	5791.83	134.75	39.07	-134.75	1.03
5895.00	5.04	4.48	5885.40	143.70	40.06	-143.70	1.04
5990.00	6.13	1.72	5979.95	152.93	40.54	-152.93	1.18
6085.00	8.27	3.71	6074.19	164.82	41.14	-164.82	2.27
6180.00	7.34	3.15	6168.31	177.70	41.91	-177.70	0.98
6275.00	6.13	3.56	6262.65	188.82	42.56	-188.82	1.27
6370.00	7.21	359.86	6357.01	199.85	42.86	-199.85	1.22
6464.00	6.19	355.86	6450.37	210.80	42.48	-210.80	1.19
6559.00	5.20	353.20	6544.90	220.18	41.60	-220.18	1.08
6654.00	6.43	354.94	6639.41	229.76	40.62	-229.76	1.31
6749.00	4.95	351.99	6733.94	239.12	39.58	-239.12	1.59
6844.00	6.49	4.43	6828.46	248.53	39.43	-248.53	2.07
6939.00	5.10	5.08	6922.98	258.09	40.21	-258.09	1.46
7034.00	6.27	0.01	7017.51	267.48	40.59	-267.48	1.34
7129.00	4.77	0.30	7112.07	276.62	40.61	-276.62	1.58
7224.00	5.54	358.57	7206.68	285.15	40.52	-285.15	0.83
7319.00	4.93	1.16	7301.28	293.82	40.49	-293.82	0.69
7414.00	4.31	358.66	7395.98	301.47	40.48	-301.47	0.69
7508.00	5.68	8.19	7489.62	309.61	41.06	-309.61	1.70
7603.00	3.80	17.64	7584.29	317.26	42.69	-317.26	2.14
7698.00	2.53	42.37	7679.15	321.81	45.06	-321.81	1.93
7793.00	4.91	39.88	7773.94	326.48	49.08	-326.48	2.51
7888.00	6.91	27.32	7868.43	334.68	54.31	-334.68	2.50
7983.00	8.37	22.08	7962.59	346.16	59.53	-346.16	1.70
8078.00	7.33	26.90	8056.70	357.97	64.87	-357.97	1.29
8173.00	6.44	31.19	8151.01	367.94	70.37	-367.94	1.08
8267.00	6.00	40.39	8244.46	376.19	76.28	-376.19	1.16
8362.00	5.93	54.14	8338.95	382.85	83.48	-382.85	1.50
8457.00	4.56	53.89	8433.55	387.95	90.51	-387.95	1.44
8551.00	1.62	26.53	8527.41	391.34	94.12	-391.34	3.41
8583.00	1.83	277.38	8559.40	391.81	93.82	-391.81	8.79
8615.00	3.92	247.36	8591.36	391.45	92.30	-391.45	7.84
8646.00	5.83	228.67	8622.25	390.00	90.14	-390.00	7.94
8678.00	8.24	221.05	8654.01	387.20	87.41	-387.20	8.06
8709.00	10.29	220.72	8684.60	383.43	84.15	-383.43	6.62
8741.00	11.95	224.29	8716.00	378.89	79.97	-378.89	5.61

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		Vsect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
8772.00	14.21	222.66	8746.19	373.79	75.15	-373.79	7.39
8804.00	17.22	220.16	8776.99	367.28	69.43	-367.28	9.64
8836.00	20.04	218.96	8807.31	359.40	62.93	-359.40	8.89
8867.00	22.99	217.12	8836.15	350.44	55.93	-350.44	9.76
8898.00	25.91	215.64	8864.37	340.11	48.33	-340.11	9.62
8991.00	33.04	209.21	8945.30	301.40	24.08	-301.40	8.38
9023.00	35.37	206.97	8971.76	285.53	15.62	-285.53	8.28
9055.00	37.78	204.97	8997.46	268.39	7.28	-268.39	8.40
9086.00	40.73	203.61	9021.46	250.51	-0.78	-250.51	9.91
9118.00	45.35	202.73	9044.85	230.43	-9.36	-230.43	14.56
9149.00	49.26	202.10	9065.86	209.37	-18.04	-209.37	12.70
9181.00	53.08	200.25	9085.92	186.13	-27.04	-186.13	12.76
9213.00	56.09	198.07	9104.47	161.50	-35.59	-161.50	10.92
9244.00	59.30	195.54	9121.03	136.42	-43.15	-136.42	12.44
9276.00	62.89	194.23	9136.50	109.35	-50.34	-109.35	11.78
9307.00	65.17	193.10	9150.07	82.27	-56.92	-82.27	8.05
9339.00	68.25	192.97	9162.73	53.64	-63.55	-53.64	9.63
9370.00	72.13	190.43	9173.23	25.09	-69.45	-25.09	14.70
9402.00	74.77	189.00	9182.35	-5.15	-74.63	5.15	9.30
9433.00	77.18	186.86	9189.86	-34.93	-78.77	34.93	10.26
9465.00	80.88	185.10	9195.95	-66.17	-82.04	66.17	12.76
9496.00	84.06	183.38	9200.01	-96.81	-84.31	96.81	11.64
9528.00	87.35	182.79	9202.41	-128.67	-86.03	128.67	10.44
9560.00	89.14	182.34	9203.39	-160.62	-87.46	160.62	5.77
9591.00	91.36	181.03	9203.25	-191.61	-88.37	191.61	8.31
9622.00	94.57	179.99	9201.65	-222.56	-88.65	222.56	10.88
9654.00	96.62	179.06	9198.53	-254.40	-88.38	254.40	7.03
9686.00	96.67	178.79	9194.82	-286.18	-87.79	286.18	0.85
9717.00	97.06	178.76	9191.12	-316.95	-87.13	316.95	1.26
9749.00	96.98	178.19	9187.21	-348.70	-86.28	348.70	1.79
9781.00	96.79	178.86	9183.37	-380.46	-85.47	380.46	2.16
9812.00	96.44	178.81	9179.80	-411.25	-84.84	411.25	1.14
9844.00	96.06	178.74	9176.32	-443.05	-84.16	443.05	1.21
9876.00	94.32	178.91	9173.42	-474.91	-83.51	474.91	5.46
9907.00	93.83	179.05	9171.22	-505.83	-82.96	505.83	1.64
9939.00	94.38	178.87	9168.93	-537.74	-82.38	537.74	1.81
9970.00	94.44	178.44	9166.55	-568.64	-81.65	568.64	1.40
10002.00	92.22	178.53	9164.69	-600.57	-80.81	600.57	6.94
10034.00	91.66	178.67	9163.60	-632.54	-80.02	632.54	1.80
10065.00	90.25	179.12	9163.09	-663.53	-79.43	663.53	4.77
10097.00	90.80	179.60	9162.79	-695.53	-79.07	695.53	2.28
10129.00	91.91	179.23	9162.04	-727.52	-78.74	727.52	3.66
10161.00	92.71	178.75	9160.75	-759.49	-78.18	759.49	2.91
10192.00	92.35	179.12	9159.38	-790.45	-77.60	790.45	1.66
10224.00	92.66	180.32	9157.98	-822.42	-77.45	822.42	3.87
10255.00	93.52	180.18	9156.31	-853.37	-77.58	853.37	2.81
10287.00	92.78	180.53	9154.55	-885.33	-77.78	885.33	2.56
10319.00	91.85	180.55	9153.26	-917.30	-78.08	917.30	2.91
10350.00	91.97	180.62	9152.22	-948.28	-78.40	948.28	0.45
10382.00	91.11	180.87	9151.36	-980.26	-78.81	980.26	2.80

Depth (ft)	Inc (deg)	Azimuth (deg)	TVD (ft)	Well Head		VSection (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
10414.00	90.06	180.71	9151.04	-1012.26	-79.26	1012.26	3.32
10445.00	89.81	180.72	9151.07	-1043.26	-79.64	1043.26	0.81
10477.00	89.63	180.60	9151.23	-1075.25	-80.01	1075.25	0.68
10509.00	90.19	179.80	9151.28	-1107.25	-80.12	1107.25	3.05
10540.00	91.91	179.41	9150.71	-1138.25	-79.91	1138.25	5.69
10572.00	93.76	179.07	9149.13	-1170.20	-79.49	1170.20	5.88
10597.00	93.09	179.15	9147.64	-1195.15	-79.10	1195.15	2.70
10628.00	93.27	178.43	9145.92	-1226.10	-78.44	1226.10	2.39
10660.00	93.58	178.96	9144.00	-1258.03	-77.72	1258.03	1.92
10723.00	91.67	177.43	9141.12	-1320.93	-75.73	1320.93	3.88
10755.00	92.46	177.59	9139.97	-1352.88	-74.34	1352.88	2.52
10818.00	92.65	178.97	9137.16	-1415.79	-72.46	1415.79	2.21
10913.00	93.27	182.17	9132.25	-1510.64	-73.40	1510.64	3.43
11007.00	92.65	183.52	9127.40	-1604.40	-78.06	1604.40	1.58
11102.00	93.14	185.52	9122.60	-1698.98	-85.53	1698.98	2.16
11197.00	91.67	185.55	9118.61	-1793.45	-94.69	1793.45	1.55
11292.00	91.42	184.74	9116.05	-1888.03	-103.20	1888.03	0.89
11387.00	92.22	183.84	9113.03	-1982.72	-110.31	1982.72	1.27
11482.00	92.04	182.94	9109.50	-2077.48	-115.92	2077.48	0.97
11577.00	91.97	181.29	9106.18	-2172.36	-119.43	2172.36	1.74
11672.00	92.96	179.42	9102.09	-2267.26	-120.01	2267.26	2.23
11767.00	92.28	180.67	9097.75	-2362.16	-120.09	2362.16	1.50
11862.00	93.34	177.93	9093.09	-2457.03	-118.93	2457.03	3.09
11957.00	93.83	178.35	9087.15	-2551.79	-115.85	2551.79	0.68
12052.00	93.40	177.16	9081.16	-2646.53	-112.14	2646.53	1.33
12146.00	93.77	177.10	9075.28	-2740.23	-107.44	2740.23	0.40
12241.00	93.34	175.97	9069.39	-2834.87	-101.71	2834.87	1.27
12336.00	90.68	171.95	9066.06	-2929.26	-91.72	2929.26	5.07
12430.00	91.42	172.76	9064.34	-3022.40	-79.22	3022.40	1.17
12525.00	92.03	175.36	9061.48	-3116.84	-69.39	3116.84	2.81
12620.00	92.97	176.94	9057.33	-3211.53	-63.02	3211.53	1.93
12715.00	92.28	175.51	9052.98	-3306.22	-56.77	3306.22	1.67
12810.00	92.65	177.19	9048.89	-3400.94	-50.73	3400.94	1.81
12905.00	92.47	177.83	9044.65	-3495.75	-46.61	3495.75	0.70
13000.00	92.96	179.03	9040.15	-3590.61	-44.01	3590.61	1.36
13095.00	93.39	179.17	9034.89	-3685.45	-42.52	3685.45	0.48
13190.00	92.29	180.38	9030.18	-3780.33	-42.14	3780.33	1.72
13285.00	92.22	181.31	9026.44	-3875.25	-43.54	3875.25	0.98
13370.00	90.92	179.45	9024.12	-3960.21	-44.11	3960.21	2.67
13465.00	91.11	178.96	9022.43	-4055.18	-42.79	4055.18	0.55
13560.00	91.11	179.20	9020.59	-4150.15	-41.26	4150.15	0.25
13655.00	91.85	178.89	9018.14	-4245.11	-39.68	4245.11	0.84
13750.00	91.54	177.96	9015.33	-4340.03	-37.07	4340.03	1.03
13844.00	94.26	177.70	9010.57	-4433.83	-33.52	4433.83	2.91
13939.00	94.20	177.33	9003.57	-4528.48	-29.41	4528.48	0.39
14033.00	94.75	177.21	8996.23	-4622.09	-24.94	4622.09	0.60
14128.00	92.53	177.18	8990.20	-4716.78	-20.31	4716.78	2.34
14223.00	93.83	178.37	8984.93	-4811.56	-16.62	4811.56	1.85
14318.00	93.21	177.97	8979.10	-4906.33	-13.59	4906.33	0.78
14413.00	92.29	178.18	8974.54	-5001.17	-10.41	5001.17	0.99

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
14508.00	92.47	179.29	8970.59	-5096.06	-8.31	5096.06	1.18
14603.00	92.59	180.39	8966.40	-5190.97	-8.05	5190.97	1.16
14699.00	91.73	178.99	8962.78	-5286.89	-7.53	5286.89	1.71
14793.00	93.46	180.76	8958.53	-5380.79	-7.32	5380.79	2.63
14888.00	93.46	180.82	8952.79	-5475.61	-8.63	5475.61	0.06
14983.00	93.27	180.99	8947.22	-5570.43	-10.13	5570.43	0.27
15078.00	94.32	180.49	8940.93	-5665.21	-11.35	5665.21	1.22
15173.00	92.96	180.22	8934.90	-5760.02	-11.94	5760.02	1.46
15268.00	92.59	179.53	8930.30	-5854.90	-11.73	5854.90	0.82
15363.00	93.20	179.36	8925.50	-5949.78	-10.81	5949.78	0.67
15473.00	90.99	179.41	8921.48	-6059.69	-9.63	6059.69	2.01
15569.00	90.31	178.70	8920.39	-6155.67	-8.05	6155.67	1.02
15664.00	91.05	178.48	8919.26	-6250.63	-5.71	6250.63	0.81
15759.00	94.32	179.47	8914.81	-6345.50	-4.01	6345.50	3.60
15850.00	94.44	178.39	8907.86	-6436.22	-2.32	6436.22	1.19
15945.00	92.04	177.73	8902.49	-6531.00	0.89	6531.00	2.62
16040.00	92.59	178.14	8898.66	-6625.86	4.31	6625.86	0.72
16135.00	93.70	178.11	8893.45	-6720.67	7.42	6720.67	1.17
16203.00	94.51	178.61	8888.58	-6788.47	9.36	6788.47	1.40
16298.00	97.54	179.15	8878.61	-6882.91	11.21	6882.91	3.24
16393.00	97.91	178.36	8865.84	-6977.03	13.25	6977.03	0.91
16425.00	98.05	177.72	8861.39	-7008.70	14.33	7008.70	2.03
16456.00	97.91	177.79	8857.09	-7039.37	15.54	7039.37	0.50
16488.00	97.85	177.61	8852.70	-7071.05	16.81	7071.05	0.59
16519.00	97.98	177.78	8848.44	-7101.73	18.04	7101.73	0.69
16551.00	97.73	178.30	8844.06	-7133.41	19.13	7133.41	1.79
16583.00	96.55	178.41	8840.08	-7165.15	20.04	7165.15	3.70
16614.00	95.37	178.23	8836.87	-7195.96	20.94	7195.96	3.85
16646.00	93.70	177.74	8834.34	-7227.84	22.06	7227.84	5.44
16678.00	92.96	177.79	8832.48	-7259.76	23.31	7259.76	2.32
16710.00	92.96	177.90	8830.82	-7291.70	24.51	7291.70	0.34
16741.00	92.10	177.60	8829.46	-7322.65	25.73	7322.65	2.94
16773.00	91.85	177.31	8828.35	-7354.59	27.15	7354.59	1.20
16805.00	92.40	177.26	8827.17	-7386.54	28.66	7386.54	1.73
16836.00	92.77	177.79	8825.77	-7417.48	30.00	7417.48	2.08
16868.00	92.53	178.61	8824.29	-7449.43	31.00	7449.43	2.67
16899.00	90.49	178.90	8823.47	-7480.41	31.68	7480.41	6.65
16931.00	89.75	178.79	8823.41	-7512.40	32.32	7512.40	2.34
16963.00	90.31	180.00	8823.39	-7544.40	32.66	7544.40	4.17
16994.00	90.55	179.98	8823.16	-7575.40	32.67	7575.40	0.78
17026.00	90.18	180.01	8822.95	-7607.39	32.67	7607.39	1.16
17058.00	90.18	179.79	8822.85	-7639.39	32.72	7639.39	0.69
17089.00	90.25	179.51	8822.74	-7670.39	32.91	7670.39	0.93
17121.00	90.43	179.56	8822.55	-7702.39	33.17	7702.39	0.58
17152.00	90.43	179.81	8822.31	-7733.39	33.34	7733.39	0.81
17184.00	90.49	179.72	8822.06	-7765.39	33.48	7765.39	0.34
17215.00	91.85	178.65	8821.42	-7796.38	33.92	7796.38	5.58
17247.00	93.83	177.83	8819.84	-7828.32	34.90	7828.32	6.70
17279.00	94.19	177.65	8817.60	-7860.22	36.16	7860.22	1.26
17310.00	94.26	177.61	8815.32	-7891.11	37.43	7891.11	0.26

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
17342.00	94.14	177.60	8812.97	-7922.99	38.77	7922.99	0.38
17373.00	93.76	178.16	8810.84	-7953.90	39.91	7953.90	2.18
17405.00	93.21	178.40	8808.89	-7985.83	40.87	7985.83	1.87
17500.00	93.64	179.89	8803.22	-8080.64	42.29	8080.64	1.63
17531.00	92.90	179.79	8801.45	-8111.59	42.37	8111.59	2.41
17626.00	92.59	179.69	8796.90	-8206.48	42.80	8206.48	0.34
17674.00	92.47	179.84	8794.78	-8254.43	43.00	8254.43	0.40
17721.00	93.45	179.16	8792.35	-8301.37	43.41	8301.37	2.54
17769.00	93.95	179.36	8789.25	-8349.27	44.03	8349.27	1.12
17816.00	93.58	179.38	8786.17	-8396.16	44.54	8396.16	0.79
17863.00	93.70	179.45	8783.18	-8443.06	45.02	8443.06	0.30
17958.00	93.76	179.29	8777.00	-8537.86	46.07	8537.86	0.18
18005.00	92.90	179.57	8774.27	-8584.77	46.53	8584.77	1.92
18100.00	93.76	179.94	8768.76	-8679.61	46.94	8679.61	0.99
18195.00	91.79	180.20	8764.16	-8774.50	46.82	8774.50	2.09
18290.00	92.22	180.08	8760.83	-8869.44	46.59	8869.44	0.47
18386.00	91.73	180.22	8757.52	-8965.38	46.34	8965.38	0.53
18481.00	91.54	180.16	8754.81	-9060.34	46.02	9060.34	0.21
18576.00	92.34	180.89	8751.60	-9155.28	45.15	9155.28	1.14
18670.00	94.19	181.59	8746.24	-9249.10	43.12	9249.10	2.10
18766.00	95.18	182.15	8738.40	-9344.73	40.00	9344.73	1.18
18860.00	94.85	181.89	8730.19	-9438.31	36.70	9438.31	0.45
18955.00	94.44	182.09	8722.49	-9532.94	33.41	9532.94	0.48
19050.00	92.40	182.03	8716.83	-9627.70	30.00	9627.70	2.15
19145.00	92.03	181.85	8713.15	-9722.58	26.79	9722.58	0.43
19240.00	92.90	182.28	8709.07	-9817.43	23.37	9817.43	1.02
19335.00	93.89	181.93	8703.44	-9912.20	19.89	9912.20	1.11
19430.00	92.53	182.26	8698.12	-10006.98	16.42	10006.98	1.47
19522.00	92.65	182.12	8693.97	-10098.82	12.91	10098.82	0.20
Projected to Total Depth:							
19580.00	92.65	182.12	8691.28	-10156.72	10.76	10156.72	0.00

Weatherford Surveys from 1105 ft MD to 19522 ft MD.

TD at 19580 ft MD.

The total correction is 11.23 deg relative to True North.

Daily Activity Report

Format For Sundry

1-18-19-3-3WH

4/1/2013 To 8/30/2013

6/5/2013 Day: 1

Completion

Rigless on 6/5/2013 - Re-set Tbg Head and testing - Made Up Tbg Head. Void Tested to 5000 PSI for 15 min. Good test. Rigged up WTF to test 1 13/16 10K valves. Tested 250 low, 10K high to Newfield testing standards. Tested Good. - No Activity - Bled off pressure. Pull out of hole with 7' hanger. Installed nightcap. Shut in HCR. Rig down WTF crane and FMC crew. EOT - Waiting on Drilling to release location - Rig Up WTF Crane. FMC broke down bolts on Tbg Head. Lifted Tbg Head, found FMC found they had the wrong ring gasket. Set the Tbg head back down, installed the 1 13/16 10 valves. - Waited on FMC to arrive back with proper ring gasket for the Tbg Head - Puulled out of hole with BPV in Tbg hanger. Installed TWCV. Tested HCR to 10K per Newfield guidelines. Tested good.

Daily Cost: \$0

Cumulative Cost: \$22,200

6/6/2013 Day: 2

Completion

Rigless on 6/6/2013 - Install Production Lines and set up location for Frac. - MI 15 500bbl dalbo frac tanks . Hooking in production line .installing cellar grating , MIRU mobile office , MIRU LP, loader ,manlift,. Prepping Location. - no activity - no activity on well site

Daily Cost: \$0

Cumulative Cost: \$150,494

6/7/2013 Day: 3

Completion

Rigless on 6/7/2013 - MIRU JW wire line run 40 arm caliper log & run CBL under pressure & w/o pressure. Log w/ 40 finger caliper logging tool - Hold safety Meeting w/ JW wireline. Review JSA . MIRU JW wire line ,Install shooting flange & 5.5 5k lubricator . Weatherford tester .test to 5000psi for 5 min tested good .having problem w/ drum on Wire line truck.tried to run gauge ring tool line in the grease head would let tool move.Broke down lubricator . Fix problem with grease head . - No activity well is secure - RIH w/ 6" gauge ring tagged liner top @8446' 43' short of TOL according to program.POOH w/ 6" gauge tool LD . MU 40 arm caliper tool w/ Bond tool. - Started testing caliper tool @ surface not responding. Broke down Caliper tool. Trying to get bond tool to work. Bond tool working fine. Broke down bond tool. MU caliper & thickness tool test @ surface to see if they work. Determined cannot run caliper log & bond log tool in tandem. - MU CBL tool & test. Tool working. MU lubricator & test to 5000 psi for 5 minutes. Good test. Release pressure. Open HCR valve & tool trap. RIH w/ CBL to 8678'. Log from 8678' to 7678' w/ no pressure. RIH to 8678'. Pressure well to 1500 psi.Log out of well w/ CBL too from 8678' to surfacel. Supervisor change @ 18:45. Rick Crumm off duty & George Kartchner on duty. OOH w/ CBL. Release pressure on well. LD CBL tool. - MU & surface test 40 finger caliper log. Tool tested good @ surface. PU tool & MU lubricator on WH. Test lubricator to 5000 psi for 10 minutes. Good test, release preswure. Open HCR valve. Open tool catcher. RIH w/ 40 finger caliper log, collar locator & 3 1 11/16" weight bars to 8678'. Open caliper tool. All fingers deployed. Log out of hole w/ 40 finger caliper @ 25' per minute from 8678' to surface.

Daily Cost: \$0

Cumulative Cost: \$157,511

6/8/2013 Day: 4**Completion**

Rigless on 6/8/2013 - Log w/ 40 finger caliper. RD JW wireline ,RD JW crane. RU flowback tanks, RU Rockwater, NU 7 1/16 10k Frac stack & test to newfield standards. - RU Weatherford Crane . ND 7 1/16 10k night cap .NU FMC 7 1/16 10k Frac stack RU weatherford test unit & test to Newfield standard guidelines . Con't RU Rock water flow back slug catcher, sand trap, manifold .hardline .weatherford will test all flow back equip. to Newfield guideline.standards.attempted to hook up ball catcher. But not enough between cellar grate and bottom of ball catcher. Plan is to bring out 7 1/16" to 7 1/16" 10k spool set between flow cross & bottom manual frac valve.shut down operation until morning.SDSIFN - no activity well is secure - Continue to log out of hole w/ 40 finger caliper @ 25' per minute from 8678' to surface. POOH w/ caliper tool ,LD tools & lubricator. ND 7 1/16 10k flange . - NU Night cap Load out JW wireline Crane . Load out Weatherford test unit .

Daily Cost: \$0**Cumulative Cost:** \$180,618**6/9/2013 Day: 5****Completion**

Rigless on 6/9/2013 - NU frac stack and flowback and test same. - ND flowcross and add spacer spool to stack, Frac stack as follows: 10K 11" x 7-1/16" tubing head prepped for 7" casing with dual, double 1-13/16" outlets, 10K 7-1/16" 'Lower Master' hydraulic frac valve (HCR), 10K 7-1/16" 'Upper Master' manual frac valve, 10K 7-1/16" spacer spool, 10K 7-1/16" flowcross with dual, double 2-1/16" outlets , 10K 7-1/16" 'Crown' manual frac valve, Close lower master HCR frac valve and test Frac stack as per Newfield Pressure testing Guidelines. 250 psi low / 10,000 psi high , Rig up Rockwater flowback equipment and test same, - Tested Rockwater's flowback equipment as per Newfield Pressure testing Guidelines. 250 psi low / 10,000 psi high , With lower master HCR frac valve closed, test 10K 11" x 7-1/16" Frac stack as per Newfield Pressure testing Guidelines. 250 psi low / 10,000 psi high , - Set cement block on flowback lines and tie downs. Shut down. - Well shut in and secured, work suspended till 06:00 am 6-10-2013

Daily Cost: \$0**Cumulative Cost:** \$223,110**6/10/2013 Day: 6****Completion**

Rigless on 6/10/2013 - Wait on Baker frac equipment, Unload sand in Baker's sand cans - Location ready, Well shut in and secured, Wait on arrival of Baker sand cans, Baker sand cans spotted on location, Unloading sand at present time, - Location ready, Well shut in and secured, Wait on arrival of Baker sand cans, Baker sand cans spotted on location, Unloading sand at present time, - - - Continue to unload sand in Baker's sand cans for frac. Baker laid water manifold to frac tanks. - Continue to unload sand in Baker's sand cans for frac. Baker laid water manifold to frac tanks.

Daily Cost: \$0**Cumulative Cost:** \$226,975**6/11/2013 Day: 8****Completion**

Rigless on 6/11/2013 - Continue to unload sand in Baker's sand cans for frac. - Continue to unload sand in Baker's sand cans for frac.

Daily Cost: \$0**Cumulative Cost:** \$237,705

6/12/2013 Day: 9

Completion

Rigless on 6/12/2013 - Prep for frac. Install ball launcher on WH. Fill tanks with water, MIRU Baker frac equip, pressure test BH pumps & lines. Repair check valves. - No activity, Well shut in and secured for night. - Prep for frac. Install ball launcher on WH. Fill tanks with water. MIRU Oil State ball launchers, Ball checked for sizes and load in ball drop and witnessed by Newfield, Weatherford, and Oil State personnel. Ball sizes correct. - continue to Fill frac tanks with water. Wait on Baker frac equipment. - MIRU Baker frac equipment, Oil State rep on location while rigging up Baker frac iron. Supervisor Change: Bob Marting & Jim Baker off duty/ George Kartchner on duty. JSA & safety meeting w/ Baker, Oil States & Rockwater flowback. Discuss: FRC's, Muster area, smoking area, housekeeping, PPE, stop the job, communications, equipment operation certification, cell phones, pinch points, proper hydration to prevent heat prostration, crane operation & safety (tag lines, do not walk under crane boom) & tieoff when working above 4'. Continue to RU frac equipment. - Continue to RU frac equipment. 20:30 - Load ball for toe sleeve into frac head. - JSA & safety meeting. Drop toe ball @ 22:20 hrs. 7" casing pressure - 0 psi. Surface casing pressure - 0 psi. Prime & pressure test BH pumps & lines to 5000 psi. Check valves on 4 trucks not holding. Bleed off pressure & repair check valves.

Daily Cost: \$0

Cumulative Cost: \$265,165

6/13/2013 Day: 10

Completion

Rigless on 6/13/2013 - Finish RU & test pumps & lines. Wait for BH, frac stages #1 thru #3 stages, - Prime & pressure test BH frac pumps & lines to 9900 psi. Good test. Release pressure. Set Popoff @ 8700 psi. Two pumps to arrive in AM & to be hooked up. BH crew released @ 01:00. - 22:30 ? Drop ball to start fracking Stage #3. - 16:30 ? 17:00 Drop and pump ball #2 (0.850) and seat in sleeve, Shut down, Rocks in pumps. 17:00 ? 19:45 Repair pin hole in suction manifold on pump truck. Supervisor change over @ 18:00. Supervisor Change: Bob Martin & Jim Baker off duty/ George Kartchner & Rick Crumm on duty. 19:45 - Safety meeting, JSA & operations meeting. Repair check valves. 20:30 - Flush water manifold, purge pump & ball dropper. Pressure test pumps & lines to 8956 psi. Bleed pressure to 3800 psi. Open pop off valves. 21:00 ? Open WH & start pumping stage #2. Stage #2 N2 Pop Off set at 9,800 Psi, 250 Psi on regulator. 2,600 Psi N2 Bottle, Hydraulic Fracture Uteland Butte stage #2 as follows: Drop and pump ball #2 (0.850). Break down 4,482 psi. Avg rate: 18 bpm, Avg press: 8,451 psi, Max rate: 20 bpm, Max press: 8,796 Psi. Total 30/50 White: 69,820 lbs, Total 100 mesh: 5,000 lbs. Total 15% FE acid 30 bbls. Avg HHP: 3,728. Total load to recover 1983 bbls - Shut down to clear rocks from pumps. Repair pin hole in suction manifold on pump truck. Supervisor change over @ 18:00. Supervisor Change: Bob Marting & Jim Baker off duty/ George Kartchner & Rick Crumm on duty. - BH crew arrived on location, spotted equipment and making final hook ups, ETA stage #1 pump time 11:00 am. Change out check valve on pump truck, add two pump on line, ready to pump. - Priming up lines Test lines to 9,825 Psi. Set N2 Pop Off at 8,865 Psi, 250 Psi on regulator. 2,600 Psi N2 Bottle, Test ball pump lines to 8,875 Psi. Set N2 Pop Off on ball pump at 8,701 Psi, Pumping stage #1, Stage #1 abanded, Gone to stage #2 Matt on location. Location Safety Mtg. Ball 0.785? dropped 22:00 hrs last night. 1. 255 psi on N2 regulator, 2600 psi on bottle, Pop off set at 8700 psi. Pressure tested to 9825 psi Water treated with Frac-Cide 1000 at 6 lbs per 500 bbls. One pump with leaking suction manifold on Ptest, lost another in pad. Saw only a little break with acid on. Sent XL pill and displaced, had to back off a little rate when it hit. Decision made to drop ball for s2. Seat ball and come offline to sort out pump problems, replace acid line, sort out other issues. No proppant pumped. Good job execution by the crew. Ball Seat Stage Pressures and Rate: 8776 psi @ 10.3 bpm , 7143 psi Pressure before Seating , 6194 psi Pressure after Seating Ball Seat Stage Pressures and Rate: 5783 psi @ 10.3 bpm , 5792 psi Pressure before Seating , 5292 psi Pressure after Seating GW-3LDF-94.5% (17.5) , XLW-10A-440.4% (26.1) , MaxPerm 20A-54.3% (8.1) , BF-10L-3727.5% (16.6) , Scaletrol 720-19.4%

(1.7) CRB-LT-22.3% (1.4), NE-900-57.7% (66.2) ClayCare-33.2% (18.9), Alpha 452-54.8% (6.4) - Wait for BH daylight crew to arrive. - Pumping ball 0.850" for stage #2, Seat ball and opened sleeve, Pump into formation and shut down and closed in well, Shut down to clear rocks from pumps,

Daily Cost: \$0

Cumulative Cost: \$408,010

6/14/2013 Day: 11

Completion

Rigless on 6/14/2013 - Frac w/ Baker Hughes. Stage #6 - 21:00 ? Pump 50 bbls @ 2.9 bpm to flush well. Average 4-5 bbls before pressure out @ 8600 psi. 22:15 ? Set valves & surge well back on 32/64? choke for 90 bbls then on a 40/64? choke for 20 bbls. 22:30 ? Shut in flowback. Pump well volume @ 3.9 bpm & 7600 psi, well broke to 4800 psi, Work rate upto 32 bpm & 7600 psi. Saw ball action when sleeve #7 opened. SD pump. 23:30 - Redesign frac. - Flowed back well @ 6 BPM, and recovered 1,000 bbls of water, sand and BS&W, Ball (1.125") recovered but damaged, Pump into well bore @ 21.4 BPM @ 7,915 Psi starting pressure, Flush with 280 bbls water Pressure increased, Pressured out at 8,890 Psi. Open well to flowback and flow well to tanks. Well flowed 225 bbl and died. Closed in well and let well build up pressure to 2,500 Psi, surged well and well died off again, closed in well and letting it build up again. Contact Matt on matter and awaiting his reply. Closed in well and built pressure to 2,900 Psi, surged well back, tried to flow but died off, Closed in flowback and opened well and pumping @ 3.8 bpm Pressure climbed to 8010 Psi, and broke back to 4500 Psi, continue to pump at 3.8 bpm, @ avg pressure between 5200 and 5400 Psi, well taking fluid at present. - Stage #6. Screened out on tail end of 5 lb sand, flowback 700 bbls and try to flush wellbore and drop ball and go to stage #7. 54.4% OF THE DESIGNED PROPPANT WAS PLACED IN THE FORMATION. 62,514 LBS OF PROPPANT PLACED IN THE FORMATION. 53,260 LBS OF PROPPANT LEFT IN CASING. Stage #6 N2 Pop Off set at 8,835 Psi, 250 Psi on regulator 2,300 Psi N2 Bottle, Hydraulic Fracture Uteland Butte stage #6 as follows: Drop and pump ball #6 (1.070). Break down 3,563 psi. Avg rate: 23 bpm, Avg press: 8,388 psi, Max rate: 24 bpm, Max press: 8,654 Psi. FG. 0.445, Total 30/50 White: 115,774 lbs, Total 15% FE acid 0 gal. Avg HHP: 4,790. Total load to recover 1,682 bbls. 250 psi on N2 regulator, 2300 psi on bottle, Pop off set at 8835 psi. Pressure tested to 9880 psi Water treated with Frac-Cide 1000 at 6 lbs per 500 bbls. Brought up rate as pressure as pressure allowed. Had to drop gears and throttle pumps back towards end of job to keep pressure in check. Well pressured out middle of 5 ppa on formation, ran out of room on pressure and rate. GW-3LDF-3.5% (6.9), XLW-10A-20.9% (18.3), MaxPerm 20A-51.3% (8.4), Scalesorb 7-7.5% (16.2), Scaletrol 720-24.5% (2.6) CRB-LT-7% (1.9), NE-900-29.2% (38.3) ClayCare-37.4% (22.7), Alpha 452-37.7% (6.7) - Stage #5 N2 Pop Off set at 8,860 Psi, 250 Psi on regulator. 2,600 Psi N2 Bottle, Hydraulic Fracture Uteland Butte stage #5 as follows: Drop and pump ball #5 (1.015). Break down 7,277 psi. Avg rate: 22 bpm, Avg press: 8,352 psi, Max rate: 24 bpm, Max press: 8,656 Psi. FG. 0.425, Total 30/50 White: 115,760 lbs, Total 100 mesh: 0 lbs. Total 15% FE acid 0 gal. Avg HHP: 4,401. Total load to recover 1,501 bbls 04:00 ? Shut down frac. Chem lab down (lost power). Run extension cord to light plant. Call for replacement. Lost pump #5. Remove from line & send to town. Drop ball to start fracking Stage #6. - Shut down frac and change out pumps and repair chemical lab. - 00:00 ? Stage #3 - N2 Pop Off set at 8,800 Psi, 250 Psi on regulator. 2,600 Psi N2 Bottle, Hydraulic Fracture Uteland Butte stage #3 as follows: Drop and pump ball #3 (0.905). Break down 8,630 psi. Avg rate: 18 bpm, Avg press: 8,449 psi, Max rate: 20 bpm, Max press: 8,630 Psi. FG. 0.445, Total 30/50 White: 72,440 lbs, Total 100 mesh: 10,000 lbs. Total 15% FE acid 30 gal. Avg HHP: 3,645. Total load to recover 1,949 bbls 01:15 - Drop ball to start fracking Stage #4 Stage #4 N2 Pop Off set at 8,860 Psi, 250 Psi on regulator. 2,600 Psi N2 Bottle, Hydraulic Fracture Uteland Butte stage #4 as follows: Drop and pump ball #4 (0.960). Break down 7822 psi. Avg rate: 20 bpm, Avg press: 8,320 psi, Max rate: 21 bpm, Max press: 8,639 Psi. FG. 0.445, Total 30/50 White: 115,760 lbs, Total 100 mesh: 0 lbs. Total 15% FE acid 0 gal. Avg HHP: 3,976. Total load to recover 2,467 bbls 02:30 - Drop ball to start fracking Stage #5 - Shut in well. Dropped 1.125" ball for stage #7 Retest

frac iron to 9950psi. purged oil states ball launcher. Will let ball drop for 1 hr before pumping in to well bore. 19:15 ? Load ball (1.125? OD) for stage #7 manually into goat head side opening. Prime & pressure test pumps & lines. 19:30 ? Launch ball (1.125? OD) for stage #7. Let fall for 1 hour. 20:15 ? JSA, safety & operations meeting. 20:30 ? Prime & pressure test pumps & lines.

Daily Cost: \$0

Cumulative Cost: \$660,476

6/15/2013 Day: 12

Completion

Rigless on 6/15/2013 - Frac w/ Baker Hughes. - SICP 3,304 Psi. Begin pumping ball from heel to seat @ 3.8 bpm @8,625 Psi. avg. Didn't see a firm ball seat. Continue to pump into well @ 3.8 bpm @8,625 Psi. avg. Contacted Engr, told to continue tring to seat ball. Stage #8 N2 Pop Off set at 8,865 Psi, 250 Psi on regulator 2,300 Psi N2 Bottle, Pumping into formation at 8,100 Psi, (202 bbls pumped) @3.9 bpm. Pumped total of 326.5 bbl. Shut down and surge well to tank and got back into pump and pumping @ 9.2 bpm @ 8455Psi and pressured out, Surge well and run up bpm and pressured out, surge well and hit it again. Same result, Surge well and try again,@ 11.1bpm @8600 + with same results. Shift change, Held SM and talked about ongoing operation. Repeat again, - Continue to pump into well and surge back to tanks, pumping @ 9.7 bpm @ 8600 +Psi and pressured out, Shut down and surge back to tanks, Continue to repeat steps 4 more time with same results, Surge well down and shut in well and let pressure build up and surge well from bottom up. Well built up to 3,000 Psi, surged to tanks, pressure dropped 20 Psi and had twinkle of water at tank, Closed in well and built up to 3,000 Psi, surge well to tanks, well had twinkle of water at tank, Try to abandon stage #8. SICP 890 Psi. Begin pumping to establish pump rate @ 3.7 bpm @8,600+ Psi. Steady increase in pressure, Pressured out, unable to pump into well, Surge well to tanks, Begin pumping to establish pump rate @ 3.6 bpm @8,500+ Psi. Steady increase in pressure, Pressured out and Surge well to tanks, Begin pumping to establish pump rate @ 1.7 to 2.3 bpm @8,500+ Psi. Steady increase in pressure, Pressured out and Surge well to tanks, Begin pumping to establish pump rate @ 4.4 bpm @8,565 Psi. Steady increase in Pressured out pressure and Surge well to tanks, Begin pumping to establish pump rate @ 3.9 bpm @8,528 Psi. Steady increase in Pressured out pressure and Surge well to tanks, Begin pumping to establish pump rate @ 3.9 bpm @8,600 + Psi. Steady increase in Pressured out pressure and Surge well to tanks, - Shut in well and build up pressure and surge back to tank. Shut in well and build up pressure and surge back to tank, Surge well to tanks, well had twinkle of water at tank, Shut in well and build up pressure and surge back to tank, Surge well to tanks, Left well open to tanks, Well returning a steady small stream of water, Will leave open and monitor return flow. Well gave back 8 bbls in one hour, Shut in well and build up pressure and surge back to tank, Surge well to tanks, same small flow back to tank. - 17:30 - SICP 897 Psi. Pressure up well to 3,285 Psi hold and monitor for pressure drop. 19:00 ? Surge well. Pressure dropped to 0 psi & 2 ? 3 gal per minute. Let flow for 15 minutes. Shut in well. Pressure up well to 3500 psi, hold for 5 minutes. Pressure to 5500 psi & hold for 10 minutes. Surge well. Repeat process. 20:30 - Shut in well and build up pressure to surge back to tank. - Supervisor change over. Pumped 136 bls @ 3.7 bpm, avg 7,500 psi, shut down pump and launch ball (1.180?), Ball dropped at 06:50 am, Wait one hour and pump ball to seat, Wait on ball to fall to heel. N2 Pop Off set at 8,865 Psi, 250 Psi on regulator 2,300 Psi N2 Bottle, - 22:00 ? Pressure @ 2250 psi. Surge back well. 5 bbls return. 22:15 - Pressure up well to 3500 psi, hold for 1 minute. Pressure to 7500 psi & hold for 1 minute. Surge well. Well flowing back @ 10 bpm for 5 minutes & surging. Steadied out @ 5 bpm & 120 psi. 23:30 ? Well flowing @ 3 bpm & 70 psi. Total returned ? 265 bbls. Continue to flow back well. - 00:00 ? Frac Stage #7. Screened out when 2# sand hit formation. 00:45 ? Flow well back on 32/64? choke. Pressure bled down to 1000 psi & 158 bbls returned. Open choke to 40/64?. Pressure @ 200 psi & flowing @ 10 bpm +/- . 01:15 ? Pressure @ 50 lbs & 0.5 bpm flowback. Total flowed back ? 300 bbls. 01:45 ? Pressure @ 0 psi & 0.25 bpm. 02:00 ? Well quit flowing. Shut well in to build pressure for flowback. 04:30 ? Pressure @ 700 psi. Open well to flowback. Flowed 20 bbls & died. 04:45 -

Shut well in to build pressure for flowback.

Daily Cost: \$0

Cumulative Cost: \$911,071

6/16/2013 Day: 13

Completion

Rigless on 6/16/2013 - Flowback well to clear bridges. - 10:00 - Well flowing @ 0.8 bpm & 11 psi. Total returned ? 1,442 bbls. Water temp ? 116 degrees. Returns: less than Teaspoon of sand in a 12 oz water bottle. Continue to flow back well. 10:30 - Well flowing @ 0.7 bpm & 15 psi. Total returned ? 1,442 bbls. Water temp ? 116 degrees. Returns: Trace of sand in a 12 oz water bottle. Continue to flow back well. 11:30 Well shut in, Total bbls returned 1,477 bbls, SICP 2,130 Psi, 12:30 Well shut in, Total bbls returned 1,477 bbls, SICP 2,270 Psi, 13:00 Well shut in, Total bbls returned 1,477 bbls, SICP 2,331 Psi, Surge to tank, Well flowing @ 2.0 bpm & 41 psi, Lot of gas blow and trace of sand, leave well flowing to tank. 13:30 - Well flowing @ 0.5 bpm & 34 psi. Total returned ? 1,541 bbls. Water temp ? 74 degrees. Returns: Trace of sand in a 12 oz water bottle. Continue to flow back well. 14:00 - Well shut in, Total bbls returned 1,564 bbls, SICP 36 Psi, Water temp ? 74 degrees. - 00:00 ? Well flowing @ 3.5 bpm & 70 psi. Total returned ? 265 bbls. Returns: clear. Continue to flow back well. 02:00 - Well flowing @ 4.5 bpm & 100 psi. Total returned ? 725 bbls. Returns: Teaspoon of sand in a 12 oz water bottle. Continue to flow back well. 04:30 - Well flowing @ 2.5 bpm & 35 psi. Total returned ? 977 bbls. Returns: Teaspoon of sand in a 12 oz water bottle. Continue to flow back well. 05:45 - Well flowing @ 2.5 bpm & 35 psi. Total returned ? 1130 bbls. Water temp ? 116 degrees. Returns: Teaspoon of sand in a 12 oz water bottle. Continue to flow back well. - 09:00 - Well flowing @ 0.9 bpm & 23 psi. Total returned ? 1,370 bbls. Water temp ? 116 degrees. Returns: less than Teaspoon of sand in a 12 oz water bottle. Continue to flow back well. 09:30 - Well flowing @ 0.9 bpm & 13 psi. Total returned ? 1,397 bbls. Water temp ? 116 degrees. Returns: less than Teaspoon of sand in a 12 oz water bottle. Continue to flow back well. 10:00 - Well flowing @ 0.8 bpm & 11 psi. Total returned ? 1,442 bbls. Water temp ? 116 degrees. Returns: less than Teaspoon of sand in a 12 oz water bottle. Continue to flow back well. - 16:30 - Well flowing @ 0.6bpm & 27 psi. Total returned ? 1,655 bbls. Water temp ? 75 degrees. Returns: Trace of sand in a 12 oz water bottle. Continue to flow back well. 16:45 ? Shut in flowback, N2 Pop Off set at 8,707 Psi, 270 Psi on regulator. 2,550 Psi N2 Bottle, Set ball pump's pop off at 8850psi. 18:00 ? Launch ball for stage #9. Let ball fall for 1 hour. 19:00 - Pump into formation to seat ball #9. Pumped 160 bbls @ 3.9 bpm & pressured out at 8600 psi. 20:00 ? Surge back well. Well flowing @ 4 ? 5 bpm. Returned 68 bbls. Close flowback line. Pump into well @ 3.9 bpm & build pressure to 8600 psi. Surge back well. Well flowing @ 4 bpm. Returned 25 bbls. Close flowback line. Pump into well @ 3.5 to 5.3 bpm & build pressure to 8600 psi. Surge back well. Well flowing @ 4 bpm. Returned 16 bbls. Stage #8 N2 Pop Off set at 8,950 Psi, 360 Psi on regulator. 1,900 Psi N2 Bottle, Hydraulic Fracture Uteland Butte stage #8 as follows: Drop and pump ball #8 (1.180). Break down 4,482 psi. Avg rate: 36 bpm, Avg press: 5,668 psi, Max rate: 36 bpm, Max press: 6,434 Psi. FG.0.414, Total 30/50 White: 93,740 lbs, Total 100 mesh: 3,500 lbs. Total 15% FE acid 40 gal. Avg HHP: 4,960. Total load to recover 2,275 bbls 21:15 ? Change out stems & seats in adjustable choke bodies. 21:45 - Close flowback line. Pump into well @ 5.5 to 8.8 bpm. Ball appeared to seat & sleeve #9 shifted. Increased rate & built pressure to 8600 psi. Surge back well. Well flowing @ 4 bpm. 22:00 ? Leak on BH frac line. SD pumps. Fix leak & replace N2 popoff. 22:30 ? Pressure test pumps & lines to 9800 psi. Bleed down pressure. 22:45 - Set new N2 popoff. 2530 psi on N2 bottle. 247 psi on regulator. Popoff set @ 8809 psi. 23:15 ? Purge Oil States ball droppers. Open well. 23:30 - Close flowback line. Pump into well @ 5.5. Build pressure to 5000 psi. Surge back well to 0 psi. SI flowback. - 14:00 - Well shut in, Total bbls returned 1,564 bbls, SICP 36 Psi, Water temp ? 74 degrees. 14:30 - Well shut in, Total bbls returned 1,564 bbls, SICP 2,132 Psi, Water temp ? 75 degrees. 15:00 - Well shut in, Total bbls returned 1,564 bbls, SICP 2,235 Psi, Water temp ? 75 degrees. 15:00 - Well shut in, Total bbls returned 1,564 bbls, SICP 2,235 Psi, Surge to tank, Well flowing @ 1.0 bpm & 45 psi, Lot of gas blow and trace of sand, leave well flowing to tank. 15:30 - Well flowing @ 0.9 bpm & 31

psi. Total returned ? 1,601 bbls. Water temp ? 75 degrees. Returns: Trace of sand in a 12 oz water bottle. Continue to flow back well. 16:00 - Well flowing @ 0.6bpm & 27 psi. Total returned ? 1,624 bbls. Water temp ? 75 degrees. Returns: Trace of sand in a 12 oz water bottle. Continue to flow back well. 16:30 - Well flowing @ 0.6bpm & 27 psi. Total returned ? 1,655 bbls. Water temp ? 75 degrees. Returns: Trace of sand in a 12 oz water bottle. Continue to flow back well. 16:30 ? Shut in flowback, Drop ball#9, let ball fall to well's heel, Pump ball to seat and Pump open sleeve #9 and frac stage #9.

Daily Cost: \$0

Cumulative Cost: \$994,416

6/17/2013 Day: 14

Completion

Rigless on 6/17/2013 - RD & move BH equipment for CT equipment. MIRU Cudd 2" CT unit. Pressure test CT stack. - Testing Cudd Coil unit BOP stack as per Newfield Pressure testing Guidelines. 250 psi low / 10,000 psi high, blind shear rams did not test, replaced rams & o rings. Re-tested Good. Welder is currently Installing tool end in coil tbg. Con't testing BOP stack. Weatherford's BHA Attached. - Cudd arrived on location, MIRU Cudd coil tbg unit and test stack as per Newfield Pressure testing Guidelines. - Wait on Cudd coil tbg, - RDMO enough Baker frac equipment to MIRU Cudd Coil tbg unit, - 04:00 ? Shut in well to build pressure. Pressure @ 3000 psi. 04:30 ? Boost pressure to 8500 psi w/ frac pump. Hold pressure. Pressure bleeds down to 3000 psi. Continue to pressure up & surge well back. Continue above steps, - 00:00 ? Shut in well. Built pressure to 3500 psi. 01:30 - Open well & flowback to tanks. Pressure dropped to 20 psi & 4 bpm. 03:15 ? Flow dropped to .75 bpm. Total of 400 bbls returned. Close flowback line to tanks. Prime & purge BH pumps & lines & Oil States ball dropper.

Daily Cost: \$0

Cumulative Cost: \$1,104,983

6/18/2013 Day: 15

Completion

Rigless on 6/18/2013 - C/O well w/ Cudd CT - Switch over from water to N2 and blow well bore dry from 8,400? with 1,500 scf, 2,845 Psi, 998 Psi WH, 2.5 bpm flowback, working tbg between 8,400? to 8,600? to keep tbg free, working tbg to 6150? ?? CSG .Well is dead . while Moving ?? coil from 6150? to 6500? we are seeing pick up weight change from 20,000 to 18,000 fluid is moving up hole.no fluid to surface. - Pull tested weld on connector to 18,500 lbs. Remove pull plate & install dual flapper float back pressure valve on CT connector. Pull test tools to 15,300 lbs. Slack off pull test. Load coil w/ slickwater. Pressure test CT to 2500 psi. Good test. Release pressure. Remove pull plate & install wash nozzle. Straighten CT for entry into well. - Connecting injector to wellhead. Pressure test CT upper pipe rams, lower pipe rams & BPV to 250 psi low for 5 minutes & 10,000 psi high for 10 minutes. Pressure test upper & lower stripper rubbers to 250 psi low for 5 minutes & 10,000 psi high for 10 minutes. Pressure test Lower & Upper CT pipe rams & upper release valves to 250 lbs low /10000 lbs high. Good test. Release pressure. Pressure test lower stripper & flowback iron. Lower stripper leaking. Release pressure & open, close, open close stripper to get to seal. Change out lower stripper rubber & retest to 250 psi low & 10,000 psi high. Good test. Release pressure. Test upper stripper to 250 psi low & 10,000 psi high. Good test. Bleed pressure down to 2500 psi. Open well. Well pressure @ 2950 psi. - RIH with Cudd 2? coil tubing with dual flapper back pressure valve, wash nozzle, RIH @52 fpm, ? bpm pump rate, SICP 2,900 Psi, RIH @52 fpm, ?,bpm pump rate, SICP 2,900 Psi, Increase pump rate to 21/2 bpm, flow rate 3 ? bpm 52 fpm coil, 1,500 Psi on 24/64 chock. RIH to 9,760? no indications of obstructions seen going into or thru the heel. Avg feed 52 fpm. Avg pump rate 4 bpm @5,810, Avg flow rate 5 bpm @ 235 psi on 48/64 choke, Pumped sweep 8,602?. Continue in hole at 20 fpm with no apparent obstructions seen. Pumped from 9,760?. Made 100? short trip, RIH back to 9,760? pumped 10 bbl sweep, POH at 20 fpm pumping 4 bpm. Continue to circulate well, Will POH to 8,800? and

pump another 10 bbl sweep and continue to pull up to 8,400? and circ well and check returns for sand. Continue to move tbg up and down while circulating.

Daily Cost: \$0

Cumulative Cost: \$1,136,758

6/19/2013 Day: 16

Completion

Rigless on 6/19/2013 - Con't waiting for fluid to make surface for flow back rate. Try to inject fluid into formation. - Pumped 14 bbls & casing pressure increased to 4500 psi. SD pump. Monitor well for pressure loss. Bled down well to 2100psi started getting fluid back. Continue flow back @1bbl min @2100psi until all N2 was out. Finished loading 2" coil tbg w/ frac water & FR. Shut in Flow back. started Pumping down CSG & 2" coil. - 18:00 - Pressures: 4,375 Psi WH Cudd, 4,290 Psi Flowback. Supervisor change out. 18:15 - Pressures: 4,250 Psi WH Cudd, 4,190 Psi Flowback. 18:30 - Pressures: 4,000 Psi WH Cudd, 4,100 Psi Flowback. 18:45 - Pressures: 4,075 Psi Flowback. 19:00 - Pressures: 4,040 Psi Flowback. 19:15 - Pressures: 4,030 Psi Flowback. 19:30 - Pressures: 4,020 Psi Flowback. 19:45 - Pressures: 4,000 Psi Flowback. Pump down CT w/ recycled water w/ 1 gal per 1000 gal FR @ 0.8 bpm (minimum for pump) & 5600 psi tubing pressure. 20:00 ? Pumped 14 bbls & casing pressure increased to 4500 psi. SD pump. Monitor well for pressure loss. - 16:00 - 15:15 Pump N2 and pressure well bore to 5,000 psi from 9,760?, Total N2 pumped 75,000 scf, Shut down N2 pump, POH to 8,400?, Monitor well pressure. Total N2 pumped today 345,000 scf 16:00 ? 18:00 15:15 - Pressures: 4,890 Psi WH Cudd, 5,000 Psi Flowback. 15:30 - Pressures: 4,720 Psi WH Cudd, 4,600 Psi Flowback. 15:45 - Pressures: 4,625 Psi WH Cudd, 4,400 Psi Flowback. 18:00 ? Pressures: 4,375 Psi WH Cudd, 4,290 Psi Flowback. Supervisor change out. - working tbg to 6150? 7? CSG. Well is dead. while Moving 2? coil from 6150? to 6500? we are seeing pick up weight change from 20,000 to 18,000 fluid is moving up hole. No fluid at surface. - Pump N2 and pressure well bore to 4,000 psi, monitor pressure loss, pressure to 4,000 psi, Try to charge up formation with N2 and repeat step, 12:00 ? 1 hour pump time: 58 psi WH, 0 Psi Flowback, Pump rate 1,500 scf @2,425 psi, Total N2 at present 68,000 scf pumped @9,761?.. 13:00 ? 2 hour pump time: 1,175 psi WH, 1,200 Psi Flowback, Pump rate 1,500 scf @3,348 psi, Total N2 at present 185,000 scf pumped @9,761?.. 14:00 ? 3 hour pump time: 3,360 psi WH, 3,550 Psi Flowback Pump rate 1,500 scf @5,168 psi, Total N2 at present 270,000 scf pumped @9,761?. - RIH to 9,760? with coil tbg. Cooling down N2 unit, pump water to keep tbg and wash nozzle clean, N2unit cooled down and ready, - Closed in well to build up pressure, in order to surge it back. One hour closure of well, Pressure readings: Flowback pressure reading 0 Psi, Cudd's pressure reading 0 Psi, - Shut down N2 pump, Monitor pressure. 14:20 - Pressures: 3,900 Psi WH Cudd, 4,000 Psi Flowback, 14:30 - Pressures: 3,997 Psi WH Cudd, 3,980 Psi Flowback, 14:45 - Pressures: 4,061 Psi WH Cudd, 3,980 Psi Flowback, 15:00 - Pressures: 3,950 Psi WH Cudd, 3,850 Psi Flowback, 15:15 - Pressures: 3,800 Psi WH Cudd, 3,740 Psi Flowback, 15:30 - Pressures: 3,855 Psi WH Cudd, 3,780 Psi Flowback, 15:45 - Pressures: 3,833 Psi WH Cudd, 3,725 Psi Flowback, 16:00 - Pressures: 3,875 Psi WH Cudd, 3,675 Psi Flowback,

Daily Cost: \$0

Cumulative Cost: \$1,165,353

6/20/2013 Day: 17

Completion

Rigless on 6/20/2013 - Pump fluid Into well bore to get INJ rate w/ 4500psi as stopping point. RD CUDD CTU & Baker Hughes Frac Equip Move off location. RU JW wire line to set 2 Kill plugs. - Started Pumping down tubing & CSG to inject recycled water @ 0.6 bbl min. Have pump 24 bbls recycled water. Pressure @ 3800psi. Pressure @ 4500 psi. SD pump. Pumped additional 25 bbls recycled water. Total pumped 49 bbls. Monitor well for pressure loss. 07:40 - @7,500 psi, monitor pressure loss, to 5,000 psi. 08:24 - Pump @2.0 bpm to 7,500 psi, 17 bbls, 10 min pump time, 189 bbls total 08:41 - @7,500 psi, monitor pressure loss, to 5,000

psi. 08:51 - Pump @2.0 bpm to 7,500 psi, 19 bbls, 10 min pump time, 208 bbls total @7,500 psi, monitor pressure loss, to 5,000 psi. 09:20 - Pump @2.0 bpm to 7,500 psi, 33 bbls, 17 min pump time, 241 bbls total @7,500 psi, monitor pressure loss, to 5,000 psi. 10:30 - Pump @2.0 bpm to 7,500 psi, 23 bbls, 12 min pump time, 264 bbls total @7,500 psi, monitor pressure loss, to 5,000 psi. - Pumping down tubing & CSG to inject water @ 1bbl min. Have pumped 60bbls pressure @ 3500psi. Max pressure on casing to 4500 psi. Reached Max pressure on casing to 4500 psi. Shut down pump. Monitor well for pressure loss. Dropped to 3700 psi. Started Pumping down tubing & CSG to inject recycled water @ 0.6 bbl min. Have pump 24 bbls recycled water. Pressure @ 3800psi. Pressure @ 4500 psi. SD pump. Pumped additional 25 bbls recycled water. Total pumped 49 bbls. Monitor well for pressure loss. - 10:45 ? open well to flowback to tanks, 5,375 psi, 2 bpm, 11:00 ? flowback well to tanks, 5,375 psi, 2.7 bpm, 24/48 choke. Gas cut fluid. 11:15 ? flowback well to tanks, 1,575 psi, 2.75 bpm, opening choke. Gas cut fluid. 11:20 - flowback well to tanks, 1,250 psi, 2.7 bpm, 36/48 choke. Gas cut fluid. 11:27 - flowback well to tanks, 975 psi, 2.9 bpm, 40/48 choke. Gas cut fluid. 11:30 - flowback well to tanks, 875 psi, 2.9 bpm, 48/48 choke. Gas cut fluid. 11:45 - flowback well to tanks, 550 psi, 2.0 bpm, 48/48 choke. Gas cut fluid. 12:00 - flowback well to tanks, 400 psi, 1.0 bpm, 48/48 choke. Lots of N2 with water. (Recovered 134 bbls 10:45 ? 12:00) 12:15 - flowback well to tanks, 325 psi, 0.6 bpm, 48/48 choke. Lots of N2 with water. 12:30 - flowback well to tanks, 200 psi, 0.0 bpm, 48/48 choke. Flowing N2 with no water. 12:45 - flowback well to tanks, 100 psi, 0.0 bpm, 48/48 choke. Flowing N2 with no water. 13:30 - flowback well to tanks, 25 psi, 0.0 bpm, 48/48 choke. Blow of N2 with trace water. 13:40 ? pump on line @ 2.0 bpm, POH with coil @ 50 fpm. Coil depth 4,500? 14:00 ? Pump in well @ 2 bpm, from 4,500?, POH while filling casing. 15:00 ? POH to 500? and dry up coil tbg. Blow N2 down to flowback tanks, Well dead, Finish POH with coil tbg and close in well, - Close top manual frac valve, continue to blow N2 from well bore to flowback tank, RDMO Cudd's Coil tbg unit, RDMO Baker Frac equipment, RDMO Oil state's Ball launcher. 19:00 ? JW wireline on location. 19:30 ? Cudd off location. Oil States off location. 20:45 ? Baker Hughes off location. Spot in & RU JWWL. - 22:15 ? Attach WL lubricator to WH. Pressure test to 5000 psi. Good test. Release pressure. 22:45 - Open crown valve. RIH w/ 3.65? gauge ring to 8660?. POOH w/ gauge ring. 23:30 ? OOH w/ gauge ring. LD gauge ring. PU 4.5? Halliburton Obsiden Bridge Plug. 23:45 - Attach WL lubricator to WH. Pressure test to 5000 psi.

Daily Cost: \$0

Cumulative Cost: \$1,279,005

6/21/2013 Day: 18

Completion

Rigless on 6/21/2013 - Set kill plugs @ 8604' & 8565'. SD & release WL crew. ND frac stack. - Unload 2-3/8" 5.95# P-110 PH-6 workstring on racks. Western Well Service unit on location. Spot "T" seal and MIRU WOR. We are ND Weatherford 7? 15k BOP stack w/ blind shear ram. Could not Get blind shear rams to test on hydraulic side. Attempted to get shear ram hydraulics to test 4 hrs .w/o success. - Suspend hydraulic testing of BOP's until commie located with high low switch on unit. (12:00 PM), Commie unit is having High -Low pressure valve for switching to high pressure for shear blind rams installed at present time by Weatherford's repairman. - 00:00 - RIH with JW Wireline run gauge ring and set kill plugs in middle of third joint (8604?) and in middle of second joint (8565?) of casing below liner top. POOH w/ setting tools. Well open to flowback tanks on 2? bypass line. 0 psi & no flow. 03:00 ? OOH w/ setting tools. Plug set & all tools back to surface. Close HCR valve. RD & release JW WL. - 04:00 ? Spot in Weatherford crane. 04:15 ? ND frac stack. - N/U Weatherford's Drill out BOP stack as follows: 10K 7-1/16" HCR Gate Valve (Already Installed on Wellhead), 10K 7-1/16" pipe BOP with Blind/Shear rams and double valve choke/kill outlets, 10K 7-1/16" pipe BOP with 2-3/8" rams, 10K 7-1/16" flow cross with dual, double valved 2-1/16" outlets, 10K 7-1/16" single pipe BOP with 2-3/8" rams, Annular preventer/Hydril, Function test new BOP stack. Pressure test new BOP stack as per Newfield Pressures testing guidelines 250 psi low / 10,000 psi high. Commie unit sent out to location has no High ? Low pressure valve for

switching to high pressure for shear blind rams. Suspend hydraulic testing of BOP's until commie located with high low switch on unit. (12:00 PM)

Daily Cost: \$0

Cumulative Cost: \$1,306,340

6/22/2013 Day: 19

Completion

Rigless on 6/22/2013 - NU Knight oil tools 10k 7? BOP stack w/ blind shears. Test BOP - While testing BOP found that derrick jacks on rig were setting at edge of cellar. RD WOR. Change out matting board with 20' long matting board. RU WOR. RU floor and tongs. Set hydraulic catwalk and pipe racks. Set tbg on racks. Tally tbg. RIH w/ 3.75? convex inserted mill w/ 2.960? double flapper Bit sub & 2.909? RN nipple. BHA and 2 3/8? 5.95# PH6 tbg to drill out sleeves. - Waiting for Knight 7 1/16? 10k BOP stack to be delivered. NU Knight oil tools 10k 7 1/16? BOP stack w/ blind shears. - Held safety meeting w/ Knight oil tools & Weatherford .Review JSA's. NU 7 1/16" 10k BOP stack w/ shear blinds rams. Pressure test hydraulic chambers on blind/shear rams and both sets pipe rams, OK. Function and pressure test blind/shear rams to 250 psi for 5 minutes, OK. BO pressure. Increase pressure to 10,000 psi for 10 minutes, no leak off. BO pressure and open rams. Function and pressure test lower 2-3/8? pipe rams to 250 psi for 5 minutes, OK. BO pressure. Increase pressure to 10,000 psi for 10 minutes, no leak off. BO pressure and open lower pipe rams. Close upper 2-3/8? pipe rams. Pressure to 250 psi for 5 minutes, OK. BO pressure. Increase pressure to 10,000 psi for 10 minutes, no leak off. Test inside wing valves on flow cross while testing upper pipe rams. Bleed off pressure. Test outside wing valves on flow cross to 250 psi for 5 minutes, OK. BO pressure. Increase pressure to 10,000 psi for 10 minutes, OK. BO pressure. Open upper pipe rams. Function and pressure test annular preventer to 3500 psi for 10 minutes, good test. BO pressure. Shell test flow back iron up to 2? Low Tork valve to 10,000 psi, OK. RD crane and test unit.

Daily Cost: \$0

Cumulative Cost: \$1,379,768

6/23/2013 Day: 20

Completion

WWS #5 on 6/23/2013 - NU Knight oil tools 10k 7? BOP stack w/ blind shears. Test BOP - - Tag sleeve #7 at 11,296? on jt #366. PU wt 66K, SO wt 58K, N wt 62K. 4 bbl in/4 bbl out. Tbg press 4800 psi. WH press 800 psi on 38/64? choke. WOB 4K, 120 RPM, tork 1600. 8 minutes to drill sleeve. Pump 10 bbl sweep. PU 9 jts 2-3/8? 5.95# P110 PH-6 tbg. PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #8 at 11,564? on jt #373. PU wt 62K, SO wt 56K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4800 psi. WH press 800 psi on 38/64? choke. WOB 4K, 120 RPM, tork 1800. 8 minutes to drill sleeve. Pump 10 bbl sweep. Tag sleeve #9 at 11,791? on jt #380. PU wt 62K, SO wt 56K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4800 psi. WH press 800 psi on 38/64? choke. WOB 4K, 120 RPM, tork 1800. 8 minutes to drill sleeve. Pump 10 bbl sweep.. - RIH w/ 3.75? convex inserted mill w/ 2.960? double flapper Bit sub & 2.909? RN nipple. BHA and 2 3/8? 5.95# PH6 tbg 220jts @6846? top kill plug @8565? continue RIH w/ tbg filling every 1000' to Jt 276 tag top kill plug @ 8565' 11' out. RU power swivel .RU dead line. make sure Rock water is ready for flow back. - PU tbg and circulate while waiting on weight indicator and saver sub for swivel. - RIH with 1 jts to tag 1st kill plug , jt #276 Tbg WT 39,000#up, 34,000#down , 38,000# N, FS 1300 Drill torque 14-15. kill plug #1 tag @ 8565' establish pump rate, 3 BPM @ 2,800 psi. W 1000 psi @ choke 26/64, WOB 8-9k, drill plug in 14 min, 3 bbls in x 3 bbls out, pump 10 bbl sweep circ. RIH with 2 jts to tag #2 kill plug jt #278 Tbg WT 34,000#up, 30,000# down, 33,000# N, FS 1400 Drill torque 1750. establish pump rate, 3 BPM @ 2,800 psi. W 1000 psi @ choke 26/64, WOB 9k, drill plug in 14 min, 3 bbls in x 3 bbls out, pump 10 bbl sweep circ bottoms up. 3.5 bbls min 3200psi flow back 27/64 3.5 bbls min. - 11:05- Tag sleeve #1 at 9863? on jt # 318. PU weight 72K, SO weight 64K, N weight 66K. 4bbl in/ 4 bbl out. Tbg press 3800 psi, WH press 200 psi on 48/64? choke.

WOB 4 to 6K, 120 RPM, tork 1400-1800. 25 minutes to drill sleeve. Pump 10 bbl sweep and 50 bbl wtr while reciprocating pipe through sleeve. PU 11 jts 2-3/8? 5.95# P110 PH-6 tbg. 12:35- Tag sleeve #2 at 10,139? on jt #328. PU wt 78K, SO wt 70K, N wt 68K. 4 bbl in/4 bbl out. Tbg press 3800 psi. WH press 200 psi on 48/64? choke. WOB 4 to 5K, 120 RPM, tork 1500. 10 minutes to drill sleeve. Pump 10 bbl sweep and 94 bbl water while reciprocating pipe. PU 5 jts 2-3/8? 5.95# P110 PH-6 tbg. 13:21- Tag sleeve #3 at 10,330? on jt #333. PU wt 72K, SO wt 62K, N wt 66K. 4 bbl in/4 bbl out. Tbg press 4500 psi. WH press 800 psi on 36/64? choke. WOB 4K, 120 RPM, tork 1500. 10 minutes to drill sleeve. Pump 10 bbl sweep and 85 bbl water while reciprocating pipe. PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. 14:03- Tag sleeve #4 at 10,556? on jt #340. PU wt 70K, SO wt 62K, N wt 63K. 4 bbl in/4 bbl out. Tbg press 4500 psi. WH press 800 psi on 38/64? choke. WOB 4K, 120 RPM, tork 1500. 13 minutes to drill sleeve. Pump 10 bbl sweep and 80 bbl water while reciprocating pipe. PU 9 jts 2-3/8? 5.95# P110 PH-6 tbg. 15:00- Tag sleeve #5 at 10,827? on jt #3349. PU wt 68K, SO wt 62K, N wt 63K. 4 bbl in/4 bbl out. Tbg press 4600 psi. WH press 800 psi on 36/64? choke. WOB 4K, 120 RPM, tork 1600. 14 minutes to drill sleeve. Pump 10 bbl sweep and 292 bbl water while reciprocating pipe. Put tbg on pipe rack. Tally tbg. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. 17:00- Tag sleeve #6 at 11,061? on jt #357. PU wt 66K, SO wt 58K, N wt 62K. 4 bbl in/4 bbl out. Tbg press 4800 psi. WH press 800 psi on 38/64? choke. WOB 4K, 120 RPM, tork 1500. 8 minutes to drill sleeve. Pump 10 bbl sweep and 84 bbl water while reciprocating pipe. PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg.

Daily Cost: \$0

Cumulative Cost: \$1,417,747

6/24/2013 Day: 21

Completion

WWS #5 on 6/24/2013 - RIH w/ 2 3/8" PH6 tbg & BHA to top kill plug. RU power swivel. drill out plug @8565' - PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #12 at 12'532? on jt #404. PU wt 67K, SO wt 60K, N wt 64K. 4 bbl in/5 bbl out. Tbg press 4700 psi. WH press 800 psi on 34/64? choke. WOB 4K, 120 RPM, torque 1700. 16 minutes to drill sleeve. Pump 10 bbl sweep. PU 9 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #13 at 12'805? on jt #413 - PU 20 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #10 at 12'071? on jt #389. PU wt 66K, SO wt 60K, N wt 62K. 4 bbl in/4 bbl out. Tbg press 4800 psi. WH press 800 psi on 36/64? choke. WOB 4K, 120 RPM, torque 1200. 15 minutes to drill sleeve. Pump 10 bbl sweep. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #11 at 12'300? on jt #397. PU wt 66K, SO wt 58K, N wt 62K. 4 bbl in/4 bbl out. Tbg press 4800 psi. WH press 800 psi on 36/64? choke. WOB 4K, 120 RPM, torque 1200. 8 minutes to drill sleeve. Pump 10 bbl sweep. - We were MU swivel connection on 389 jt to drill out sleeve #10 when picked up and saver sub pulled out of tbg jt. laid down jt & saver sub had LOR inspect saver & tbg box . saver sub is good but box on tbg was not. POOH w/ 20 jts to jt 369 . Now we are inspecting all tbg on rack. - Tag sleeve #23 at 15260? on jt #492. PU wt 64K, SO wt 54K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4700 psi. WH press 1000 psi on 30/64? choke. WOB 8K, 120 RPM, torque 2300. 14 minutes to drill sleeve. Pump 10 bbl sweep. PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #24 at 15485? on jt #499. PU wt 64K, SO wt 54K, N wt 59K. 4 bbl in/4 bbl out. Tbg press 4700 psi. WH press 1000 psi on 30/64? choke. WOB 8K, 120 RPM, torque 2400. 16 minutes to drill sleeve. Pump 10 bbl sweep. PU 9 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #25 at 15621? on jt #508. - 05:35- Tag sleeve #13 at 12,805? on jt #413. PU wt 66K, SO wt 60K, N wt 64K. 4 bbl in/4 bbl out. Tbg press 4700 psi. WH press 800 psi on 34/64? choke. WOB 4K, 120 RPM, torque 2000. 32 minutes to drill sleeve. Pump 10 bbl sweep and 84 bbl water while reciprocating pipe. PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. Tally tbg. Mix 8 gal FR while circulating 200 bbl wtr. 06:50- Tag sleeve #14 at 13,031? on jt #420. PU wt 68K, SO wt 60K, N wt 62K. 4 bbl in/4 bbl out. Tbg press 4700 psi. WH press 800 psi on 33/64? choke(zeroed choke). WOB 5K, 120 RPM, torque 2000. 27 minutes to drill sleeve. Pump 10 bbl sweep and 130 bbl water and 4 gal FR while reciprocating pipe. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. 07:45- Tag sleeve #15 at 13,262? on jt #428. PU wt 68K, SO wt 58K, N wt 62K. 4 bbl in/4 bbl out. Tbg press 4700 psi. WH press 800 psi on 33/64? choke. WOB 6K, 120 RPM, torque

2000. 18 minutes to drill sleeve. Pump 10 bbl sweep and 122 bbl water with 3 gal FR while reciprocating pipe. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. 08:45- Tag sleeve #116 at 13,522? on jt #436. PU wt 65K, SO wt 56K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4500 psi. WH press 1,000 psi on 29/64? choke. WOB 6K, 120 RPM, torque 2000. 35 minutes to drill sleeve. Pump 10 bbl sweep and 181 bbl water with 1 gal FR per 25 bbl wtr while reciprocating pipe. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg - PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #22 at 14987? on jt #483. PU wt 64K, SO wt 54K, N wt 59K. 4 bbl in/4 bbl out. Tbg press 4700 psi. WH press 1000 psi on 30/64? choke. WOB 8K, 120 RPM, torque 2400. 16 minutes to drill sleeve. Pump 10 bbl sweep. PU 9 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #23 at 15260? on jt #492. started Pumping when Chain broke on Weatherford pump . Started pumping w/ Western pump .RU hoses to use both pumps to pump sweeps. - 09:55- Tag sleeve #17 at 13,754? on jt #436. PU wt 68K, SO wt 56K, N wt 62K. 4 bbl in/4 bbl out. Tbg press 4500 psi. WH press 1,000 psi on 29/64? choke. WOB 6K, 120 RPM, torque 2000. 35 minutes to drill sleeve. Pump 10 bbl sweep and 471bbl wtr with 1 gal FR per 25 bbl wtr while reciprocating pipe. PU 6 jts 2-3/8? 5.95# P110 PH-6 tbg. 12:15-12:30 Repair hydraulic leak on swivel. 12:43- Tag sleeve #18 at 14,031? on jt #452. PU wt 62K, SO wt 56K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4600 psi. WH press 1,000 psi on 29/64? choke. WOB 6K, 120 RPM, torque 1900. 40 minutes to drill sleeve. Pump 10 bbl sweep and 240 bbl water with 1 gal FR per 40 bbl wtr while reciprocating pipe. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. 14:20- Tag sleeve #19 at 14,257? on jt #460. PU wt 62K, SO wt 56K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4600 psi. WH press 1,000 psi on 29/64? choke. WOB 8K, 120 RPM, torque 2000. 30 minutes to drill sleeve. Pump 10 bbl sweep and 190 bbl water with 1 gal FR per 40 bbl wtr while reciprocating pipe. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. 15:38- Tag sleeve #20 at 14,525? on jt #468. PU wt 62K, SO wt 56K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4600 psi. WH press 1,000 psi on 29/64? choke. WOB 8K, 120 RPM, torque 2000. 30 minutes to drill sleeve. Pump 10 bbl sweep and 144 bbl water with 1 gal FR per 40 bbl wtr while reciprocating pipe. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. 16:35- Tag sleeve #21 at 14,753? on jt #476. PU wt 66K, SO wt 52K, N wt 60K. 4 bbl in/4 bbl out. Tbg press 4600 psi. WH press 1,000 psi on 29/64? choke. WOB 8K, 120 RPM, torque 2100. 16 minutes to drill sleeve. Pump 10 bbl sweep and circulate bottoms up with 1 gal FR per 40 bbl wtr while reciprocating pipe. Trace of sand in returns. - 09:40- Dennis Ingram with Utah DNR on location. He did not sign in until requested. He did not wear FR clothing. He was taking pictures when I approached, introduced myself, told him that state and OSHA regulations required that he wore FRC?s. I asked him if he would comply, he stated he would. I then asked him if there was anything I could show him, he stated that if I were going to impound his inspection that he would inspect even deeper. I left him alone as he took more pictures, inspected the office, signed out and left. He never put on FRC?s. Jim Baker - Pump sweeps bottoms up w/ western pump .RD weatherford spot in 2nd Weatherford pump RU pump hammer in ground rod .

Daily Cost: \$0

Cumulative Cost: \$1,437,956

6/25/2013 Day: 22

Completion

WWS #5 on 6/25/2013 - Continue to drill out sleeves - Wait on Baker-Hughes pump. Spot in pump. RU hardline. JSA and safety meeting. Pressure test lines to 7000 psi. - 17:15- Tag sleeve #31 at 17,224? on jt #555. PU wt 60K, SO wt 50K, N wt 54K. 3.3 bbl in/3.3 bbl out. Tbg press 4900 psi. WH press 1,400 psi on 24/64? choke. WOB 10K, 120 RPM, torque 2900. minutes to drill sleeve. Pump 10 bbl sweep and 130 bbl water with 1 gal FR per 30 bbl wtr while reciprocating pipe. Adding lubribeads and POP 1 gal per 50 bbl water. PU 8 jts 2-3/8?, 5.95#, P110, PH-6 tbg. Tagged sand on jt 560 -561 washed down sand pumping sweep up hole. Con't RIH w/ tbg Tag sleeve #32 at 17,458? on jt #563 PU wt 60K, SO wt 50K, N wt 54K. 3.3 bbl in/3.0 bbl out. Tbg press 4800 psi. WH press 1,400 psi on 24/64? choke. WOB 9K, 120 RPM, torque 2700. minutes to drill sleeve. Pump 10 bbl sweep and bbl water with 1 gal FR per 30 bbl wtr while reciprocating pipe. Adding lubribeads and POP 1 gal per 50 bbl water. - PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #24 at 15485? on jt #499. PU wt

65K, SO wt 59K, N wt 63K. 3.5 bbl in/3 bbl out. Tbg press 4700 psi. WH press 1000 psi on 30/64? choke. WOB 8K, 120 RPM, torque 2300. 22 minutes to drill sleeve. Pump 10 bbl sweep. PU 9 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #25 at 15621? on jt #508. PU wt 65K, SO wt 56K, N wt 61K. 3.5 bbl in/3.5 bbl out. Tbg press 4700 psi. WH press 1000 psi on 30/64? choke. WOB 8K, 120 RPM, torque 2300. 20 minutes to drill sleeve. Pump 10 bbl sweep. - PU 8 jts 2-3/8?, 5.95#, P110, PH-6 tbg. 07:50- Tag sleeve #28 at 16,485? on jt #531. PU wt 68K, SO wt 52K, N wt 60K. 3.5 bbl in/3.5 bbl out. Tbg press 4800 psi. WH press 1,400 psi on 24/64? choke. WOB 10K, 120 RPM, torque 3000. 18 minutes to drill sleeve. Pump 10 bbl sweep and 146 bbl water with 1 gal FR per 30 bbl wtr while reciprocating pipe. Light sand in returns. PU 8 jts 2-3/8?, 5.95#, P110, PH-6 tbg. 009:15- Tag sleeve #29 at 16,716? on jt #539. PU wt 68K, SO wt 52K, N wt 64K. 3.5 bbl in/3.5 bbl out. Tbg press 4900 psi. WH press 1,400 psi on 24/64? choke. WOB 10K, 120 RPM, torque 2900. 8 minutes to drill sleeve. Pump 10 bbl sweep and 138 bbl water with 1 gal FR per 30 bbl wtr while reciprocating pipe. Adding lubribeads and POP 1 gal per 50 bbl water. No sand in returns. PU 9 jts 2-3/8?, 5.95#, P110, PH-6 tbg. 10:30- Tag sleeve #30 at 16,992? on jt #548. PU wt 58K, SO wt 48K, N wt 55K. 3.5 bbl in/3.8 bbl out. Tbg press 4900 psi. WH press 1,400 psi on 24/64? choke. WOB 8K, 120 RPM, torque 2900.11 minutes to drill sleeve. Pump 10 bbl sweep and circulating bottoms up with 1 gal FR per 30 bbl wtr while reciprocating pipe. Adding lubribeads and POP 1 gal per 50 bbl water. 1 tsp per cup sand in sample of returns. Light gas. PU 1 jt 2-3/8?, 5.95#, P110, PH-6 tbg(ttl 549 jts). Tag sand at 17,036?. Circulate sand OH to 17,042?. 3.5 bbl in/3.8 bbl out. Tbg press 4900 psi. WH press 1,400 psi on 24/64? choke. Pump 10 bbl sweep and 150 bbl water with 1 gal FR per 30 bbl wtr while reciprocating pipe. Adding lubribeads and POP 1 gal per 50 bbl water. - PU 7 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #26 at 15986? on jt #515. PU wt 68K, SO wt 54K, N wt 64K. 3.5 bbl in/3.5 bbl out. Tbg press 4700 psi. WH press 1000 psi on 28/64? choke. WOB 9K, 120 RPM, torque 2400. 18 minutes to drill sleeve. Pump 10 bbl sweep. PU 8 jts 2-3/8? 5.95# P110 PH-6 tbg. Tag sleeve #27 at 16220? on jt #523. PU wt 65K, SO wt 59K, N wt 63K. 3.5 bbl in/3.5 bbl out. Tbg press 4700 psi. WH press 1000 psi on 28/64? choke. WOB 9K, 120 RPM, torque 2400. 27 minutes to drill sleeve. Pump 10 bbl sweep. Pump bottoms up 378 bbls. - Clean out sand to 17197'. 3.5 bbl in/3.5 bbl out. Tbg press 4900 psi. WH press 1,400 psi on 24/64? choke. Pump 10 bbl sweep and pump 408 bbl water (surface to surface) with 1 gal FR per 30 bbl wtr while reciprocating pipe. Adding lubribeads and POP 1 gal per 50 bbl water. Saw sand when sweep came around, 1 tsp per cup. Then no sand in returns. No gas. The only sand recovered was in the well bore. Clean out sand to sleeve #31 at 17224'. 3.5 bbl in/3.5 bbl out. Tbg press 4900 psi. WH press 1,400 psi on 24/64? choke. Pump 10 bbl sweep and pump 408 bbl water (surface to surface) with 1 gal FR per 30 bbl wtr while reciprocating pipe. Adding lubribeads and POP 1 gal per 50 bbl water. Saw sand when sweep came around, 1 tsp per cup. Then no sand in returns. No gas. The only sand recovered was in the well bore.

Daily Cost: \$0

Cumulative Cost: \$1,498,786

6/26/2013 Day: 23

Completion

WWS #5 on 6/26/2013 - Continue to drill out sleeves - PU 9 jts 2-3/8?, 5.95#, P110, PH-6 tbg. Tag sleeve #34 at 17,956? on jt #578 washing in all jts 579-587 haven't brought any sand back. But have to swivel in every jt. pump 130bbls sweep. Each connection. - PU 9 jts 2-3/8?, 5.95#, P110, PH-6 tbg. Tag sleeve #33 at 17,726? on jt #572 RIH w/ jt 565 washing down CIR sand out when Weatherford pump Broke. Started pumping w/ western pump until weatherford pump can be repaired. Started weatherford pump is repaired. Fluid is still leaking. so we are changing back to western pump. until Weatherford can get the fluid end fixed. - Wait on Baker-Hughes pump truck. Spot in trk. RU hard line. JSA and safety meeting. Pressure test lines to 7000 psi. - 12:00- Break circulation at 3600 psi, 3.5bbl in/3.5 bbl out. 1 gal/30 bbl friction reducer and 1 gal/50 bbl Pipe on Pipe. Tag sand at 17,469?. CO to sleeve #33 at 17726?. PU wt 58, N wt 53, SO 46. WOB 10. Tork 2600. Pump 3400, WH 1400, 28/64 choke. Drillout plug in 13 minutes. Circulate 10 bbl sweep and 190 bbl water with 1 gal/30 bbl

friction reducer and 1 gal/50 bbls pipe on pipe .Tag sleeve #34 at 17964? on jt #578 PU wt 62K, SO wt 45K, N wt 52K. 3.5 bbl in/4.0 bbl out. Tbg press 3500 psi. WH press 1,400 psi on 24/64? choke. WOB 6K, 120 RPM, torque 2500. 16 minutes to drill sleeve. Pump 10 bbl sweep and bbl water with 1 gal FR per 30 bbl water while reciprocating pipe. Adding lube beads and POP 1 gal per 50 bbl water. PU 9 jts 2-3/8?, 5.95#, P110, PH-6 tbg. Tag sleeve #34 at 17,956? on jt #578.

Daily Cost: \$0

Cumulative Cost: \$1,544,710

6/27/2013 Day: 24

Completion

WWS #5 on 6/27/2013 - Continue to drill out sleeves - PU 8 jts 2-3/8?, 5.95#, P110, PH-6 tbg. Tag sleeve #37 at 18,690? on jt #602 PU wt 58, N wt 53, SO wt 44. 3.5 in/4.0 out, pump 4000 psi, WH 1400 psi, 24/64 choke. 120 RPM, 2900 torque. Drill out plug in 35 minutes. Circulate 10 bbl sweep and 190 bbl water with 1 gal/30 bbl friction reducer and 1 gal/50 bbl Pipe on Pipe. - 12:00- Tag sleeve #35 at 18,223?on jt #. PU wt 57, N wt 53, SO wt 47. 3.2 in/3.2 out, pump 4900 psi, WH 1400 psi, 24/64 choke. 120 RPM, 2500 torque. Drillout plug in 13 minutes. Circulate 10 bbl sweep and 190 bbl water with 1 gal/30 bbl friction reducer and 1 gal/50 bbl Pipe on Pipe. With 500 bbl circulated and 3 connections made after drilling sleeve #35, started seeing pump pressure decrease. Got gas to surface while pumping 3.9 in/3.7 out. Black fines in returns (1/8 teaspoon/cup water). While making connection at 18,304?, had 1 bpm flow with no pressure on gauge. After connection, well stabilized. 3.3 in/3.3 out. 4900 psi. WH 1400 psi. Gas in returns is nitrogen. When 60? above sleeve #36, recovered sample with 1 ? tsp sand in 2 cups water. Still some nitrogen occasionally.Tag sleeve #36 at 18,457?on jt #594. PU wt 58, N wt 52, SO wt 42. 4.0 in/3.2 out, pump 3500 psi, WH 1500 psi, 24/64 choke. 120 RPM, 2500 torque. Drill out plug in 13 minutes. Circulate 10 bbl sweep and 190 bbl water with 1 gal/30 bbl friction reducer and 1 gal/50 bbl Pipe on Pipe. - Tag sleeve #34 at 17956? on jt #578. PU wt 62K, SO wt 45K, N wt 52K. 3.5 bbl in/4.0 bbl out. Tbg press 3500 psi. WH press 1,400 psi on 24/64? choke. WOB 6K, 120 RPM, torque 2500. 16 minutes to drill sleeve. Pump 10 bbl sweep and bbl water with 1 gal FR per 30 bbl water while reciprocating pipe. Adding lube beads and POP 1 gal per 50 bbl water. PU 7 jts 2-3/8?, 5.95#, P110, PH-6 tbg. - Mechanic on location to work on pump. Move Baker-Hughes pump off. Weatherford pump on location. Move in and set pumpwhile circulating with rig pump. RU hard line. Finished replacing u-joint in right angle drive. Circulating at 3.2 in/3.2 out, pump 4900 psi, WH 1400 psi, 24/64 choke. 120 RPM, 2500 tork. Cleaning out packed sand. - Clean out packed sand whileCirculating at 3.2 in/3.2 out, pump 4900 psi, WH 1400 psi, 24/64 choke. 120 RPM, 2500 tork.

Daily Cost: \$0

Cumulative Cost: \$1,597,913

6/28/2013 Day: 25

Completion

WWS #5 on 6/28/2013 - Drilll out sleeves - LD 342 jts 2-3/8?, 5.95#, P110, PH-6 tbg. Tag sticky spot at 9369?. PU power swivel. Establish circulation at 3.2 bbl in/3.2 bbl out. Pump 4800 psi. WH 2450 psi. 19/64? choke. Pump dyed sweep. Currently pumping sweep around. Had to keep pumping on tbg to make passed sticky spot con?t swiveling out up to 7? CSG . RU snubbing unit test snubbing unit . Plan forward: LD work string, prep for frac. - Tag sleeve #37 at 18,690? on jt #602 PU wt 58, N wt 53, SO wt 44. 3.5 in/4.0 out, pump 4000 psi, WH 1400 psi, 24/64 choke. 120 RPM, 2900 torque. Drill out plug in 35 minutes. Circulate 10 bbl sweep and 190 bbl water with 1 gal/30 bbl friction reducer and 1 gal/50 bbl Pipe on Pipe. CIR Then pump bottoms up w/ sweeps 4.6 bbls min flow back 5.5 bbls min @ 1000psi . When finished we will swivel out 10 jts 2-3/8?, 5.95#, P110, PH-6 tbg. LD all . Then we will attempt to get INJ rate down CSG. If we cannot get INJ rate we will continue to drill out sleeves. - LD 15 jts tbg. EOT at 18,241?. Pump sweep with dye. Pump 465 bbl water until sweep and dye

cleared to displace hole. Hang back power swivel. LD 339 jts 2-3/8", 5.95#, P110, PH-6 tbg. Tag sticky spot at 9369'. PU power swivel. Establish circulation at 3.2 bbl in/3.2 bbl out. Pump 4800 psi. WH 2450 psi. 19/64" choke. Pump dyed sweep and bbl wtr.

Daily Cost: \$0

Cumulative Cost: \$1,640,541

6/29/2013 Day: 26

Completion

WWS #5 on 6/29/2013 - Lay down tbng. Land well. Rig up Snubbing unit. Test rams and Bag. Pull tbng hanger and Secure well. - No Activity until 5am tomorrow morning. - Secure well for night. Release vendors until 5 am in the morning. - LD 369 jts 2-3/8", 5.95#, P110, PH-6 tbg, 8470'. RD power swivel. con't POOH w/123 jts 2-3/8", 5.95#, P110, PH-6 tbg to 4693' 150jts left in hole. RU equalizing hoses. Install tbg hanger. ND 7 1/16" 5k Hydril bag& 7 1/16" 10k top pipe ram BOP. RU snubbing unit test snubbing unit. - Land tbg on 2 3/8" tbg hanger. Could not get change overs for 2 7/8" hanger. Close HCR valve. ND annular preventer. NU rig assist snubbing unit. Test BOP stack on snubbing unit. - RU equalizing hoses. Cameron Install tbg hanger w/2 way chk valve. Landed 7 1/16" tbg hanger ran in locking pins attempted to bleed down pressure in BOP stack. Hanger was leaking by. Called FMC to make sure hanger was the same as Cameron hanger. Un set locking pins. POOH w/ 7 1/16" TC1a hanger to check seals. ND 7 1/16" 5k Hydril bag& 7 1/16" 10k top pipe ram BOP - Pull tbng hanger out of well head.

Daily Cost: \$0

Cumulative Cost: \$1,722,468

6/30/2013 Day: 27

Completion

WWS #3 on 6/30/2013 - Snub out tbng. Snub in tbng hanger with check valve. Rig down Snubbing unit. Rig down Completion rig. Nipple down BOP stack. Nipple up frac stack to flow cross. - PJSM with Weatherford. Rig up Crane. Nipple down single 10K BOP and 10k X 5K spool. Set on stump and nipple 5K annular back on top. Nipple down 7" 10K Double BOP with 2-3/8" pipe rams on top and Blind shear rams on bottom and rack back on the stump. Nipple up 10K 7-1/16" 'Upper Master' manual frac valve. And nipple up 10K 7-1/16" flowcross with dual, double 2-1/16" outlets. - Start Rigging down workover rig. Blew a hydraulic hose. Waiting on a hose to lay the derrick over. - No Activity. - JSA and safety meeting. LD 160 jts 2 3/8", 5.95#, PH-6, P110 tbg with rig assist snubbing unit. - Snub in 2" TC1A tbg hanger with BPV. Close HCR valve.

Daily Cost: \$0

Cumulative Cost: \$1,766,268

7/1/2013 Day: 28

Completion

WWS #3 on 7/1/2013 - Nipple up frac stack to flow cross. Nipple up Cameron Lubricator. Pressure test equipment. Pull tbg hanger. Finish nipping up frac stack and test. MIRU frac equipment. Rig up and test. - Wait on Baker to arrive on location. 14:30; Baker on location w/ Sand King and V-belt. 16:15; JW wire line on location spotting equipment. 16:40; Baker arriving on location w/ comand center, chem and pump trucks, line truck broke down on the way to loc - called for mechanic. - Move in frac equipment and spot. Wait on iron truck to show up. Spot iron truck. Rig in 2 pump trucks and blender. Pressure test to 10,000 psi. Set pop offs. Prepare to sweep wellbore - Lower part of frac stack is nipped up to the Flow cross. Waiting for Cameron to show up and Lubricate the tbng hanger out of the wellhead. - Conduct PJSM, Equalize Cameron hanger lube, (2,450 psi). Open HCR value and run in stack. Tag up on top of hanger and screw in. Test pull 200# OK, back out set pins and pull tbg hanger. Took two attempts. RD Cameron equipment and move out. - Conduct PJSM, Continue with

Weatherford NU and test of upper 10K 7-1/16" Frac stack. Install and test JW WL 10K 7-1/16" WI flange to 10K (Test good). - Begin Pressure testing Frac stack and Lubricator as per NFX testing guidelines. - PJSM with Cameron and Weatherford nipple up hands. Prepare to Nipple up flange and test lubricator.

Daily Cost: \$0

Cumulative Cost: \$1,799,553

7/2/2013 Day: 29

Completion

WWS #3 on 7/2/2013 - Test Frac Equipment. Test wireline lubricator. Rih w/ perf guns. Could not reach desired depth. Pooh with wireline. Making new plans for job tomorrow. - Step into pump rate. Pumped 270 bbls to sweep the liner twice. Range-12.8 bbls per min @ 3900 psi to 24.9 bbls per min @4321 psi. 0300-make up perf gun and pick up wireline lubricator. - Continue pressure testing pumping equipment. - JW wirelines lubricator will not test. Changed out O rings and doped threads to get lubricator to test. Test successful at 04:00 - Conduct PJSM, open well and RIH with Setting tool and 2-2?X 2-3/4? 6 SPF, 60 deg phasing, 15 gram Titan EXP guns, Tungston 5' weight bar and setting tool. Pump down to 16,485? and lost communications with CCL. PU and began reading. Attempt to PD again. After reaching pump rate and moving guns DH we were not reading CCL at 16,488'. SD and POOH to check CCL. - JW WL OOH with perf guns and setting tool. Rehead and inspect tool string. Perf sting looks good. - Held PJSM. RU WL for pump down. Test to 8500 Psi. OK. RIH. Pump down with max pump rate of 23.5 bpm @ 5,094 Psi. Secound attempt at pump down perf guns. Ramped rate up to 14.7 bpm @ 4,347 psi. 196 FPM with 1,150 line tension. At 15,261' we lost line tension and CCL. SD and PU with no over pull for 200'. Made attempt to pump down again and could not get guns to move at 14 bpm. SD and PU 1,000' to 14,040' on top of slight hill and just below stage 23 sleeve. Made attempt to pump down and had to ramp rate upto a max of 18 bpm @ 4,611 psi to maintain 210 fpm with 1,150-1,200# line tension. At 15,261' we saw drop in line tension and line speed, increased rate to 23.5 bpm @ 5,090 psi to maintain 180 fpm. At 16,488' lost line tension and CCL again as we did on first PD attempt. PU with min over pull for first of 250#. Made decision to POOH. - Standby for HES dummy plug to arrive on location. Decission made to try pump down with HES 4.5" obsedian CBP dummy. - Wait on orders. - Conduct PJSM. RU WL for pump down with Setting tool and 2-2?X 2-3/4? 6 SPF, 60 deg phasing, 15 gram Titan EXP guns, Tungston 5' weight bar and setting tool with 4.5" dummy CBP. Test to 8500 Psi. OK. RIH. Pump down with max pump rate of 23.9 bpm @ 5,102 max Psi. Third attempt at pump down perf guns. Ramped rate up to 14.5 bpm @ 4,392 psi. 272 FPM with 1,260 line tension. At 15,261' we saw drop in line tension and line speed, increased (ramp) rate to 23.9 bpm @ 5,102 psi to maintain 223 fpm. At 16,488' lost line tension and CCL again as we did on 1st and 2nd PD attempt. PU with 750# over pull. Made decision to POOH. - Pooh with wireline and laydown and disarm guns. SWFN Release Vendors until 8am tomorrow morning.

Daily Cost: \$0

Cumulative Cost: \$1,823,185

7/3/2013 Day: 30

Completion

WWS #3 on 7/3/2013 - Wait on orders. Pump tracer to see where fluid is going. Rig up wireline and start in the hole. - PJSM with JW Wireline. Make up Gamma ray logging tool and prepare to RIH. Started in the hole with wireline and collar locator would not work. Pooh. Change out collar locator. 2115- Make up Lubricator and test to 9500 psi. Begin Running in the hole with logging tools. 2150-Collar locator still not working. Come out of the hole and prepare to rehead and go with a new cable head. 2330-Test collar locator. Make up lubricator. Pressure test to 9500 psi. 2350- Begin rih with logging tool. - No activity on location - waiting on orders - ProTechnics on location w/ RA Tracer, held safety meeting and JSA review. SICP- 2954 psi. Pump 50 bbl RA tracer chem followed w/ 40 bbls clean fluid to clean line then 480

bbls clean fluid for a total of 570 bbls. Max pressure 5248 psi w/ max rate 24.6 BPM. SICP 3820 psi. 1600 hrs - Standby for JW wireline to arrive on location w/logging tool. - All Operations suspended until 8 am in the morning. No activity

Daily Cost: \$0

Cumulative Cost: \$1,851,414

7/4/2013 Day: 31

Completion

Rigless on 7/4/2013 - Rih w/ wireline logging tool. Pump in logging tool. Log well to liner top. Pooh w/ wireline. Secure well. - Wait on orders - RIH.to liner top. Correct wireline on depth to 10 ft deep. RIH to 9200' and begin pumping. Pump down with max pump rate of 23.2 bpm @ 4750 Psi. 270 FPM with 905 line tension. At 16,550 shut down pumps. Begin pulling up Line tension went from 905 to 1500 on indicator at 16500. Begin Logging at 40 ft per min @ 0130 am. 0510 am-Out of well with logging tool. Secure well.

Daily Cost: \$0

Cumulative Cost: \$1,871,194

7/6/2013 Day: 32

Completion

Rigless on 7/6/2013 - waiting on orders - waiting on orders to continue operations

Daily Cost: \$0

Cumulative Cost: \$1,891,274

7/7/2013 Day: 33

Completion

Rigless on 7/7/2013 - waiting for orders to complete well - waiting for orders to complete well

Daily Cost: \$0

Cumulative Cost: \$1,846,494

7/8/2013 Day: 34

Completion

Rigless on 7/8/2013 - waiting for direction to continue work - Con't waiting for direction going forward with completion of well. - waiting for direction to continue work. - 4-C pulled cellar & hauling out flow back fluid. Baker Hughes RD Frac lines & equip. JW wire line is RD wireline Equip & 5.5 5k Lubricator. Duke transport loaded sand off sand king that was moved . Tbelt was also moved off location.

Daily Cost: \$0

Cumulative Cost: \$1,857,064

7/9/2013 Day: 35

Completion

Rigless on 7/9/2013 - ND Frac Stack. NU BOP stack and test. MIRU workover rig and snubbing unit. - Con't waiting for direction going forward with completion of well. - Removed flow back lines from Frac stack . Prepare to ND 7 1/16" 10k FMC frac stack.Weatherford to ND frac stack NU 7 1/16" BOP stack. Test 7 1/16" 10k BOP.weatherford testing hyd chambers 3000psi shear ram test , hold for 30 min. test low 250psi. Test 2 3/8 pipe rams & blind shear rams. 250 low - 10000 high. MIRU mountain states work over Rig . Guide out rig . - MIRU snubbing unit . Test unit to Newfield standard guide lines

Daily Cost: \$0

Cumulative Cost: \$1,879,761

7/10/2013 Day: 36

Completion

Mountain States #1409 on 7/10/2013 - Test snubbing unit. Wait on tools. Begin snubbing in well with abrasive perf gun. - Wait on Daylight and Tools to Rih. 0445am. QT Inspection service is on location to clean and drift tbng. Pipe racks and Hydraulic Catwalk are spotted also. - Con't QT Inspection clean and drift 600 jts 2 3/8" 5.95# PH6 tbg . Weatherford pump RU hard line to well & Mountain states pump. MU BHA 3.75? convex mill w/ wear bars . 2.875 cross over sub. 2.875? perforator sub x 3.66? perf tool. Stabilizer sub 3.7? x2.875? .2.875 double flapper valve sub. Start Talley on 2 3/8? 5.95# PH6 tbg. Waiting on Weatherford 2 3/8? R nipple & RN nipple did not pass go no go test. - waiting for R nipple & RN nipple from Weatherford that will pass go no go test performed by LOR.LOR & Weatherford are going thru stock to find tools that will pass go no go inspection. - Crew Change/PJSM...RIH w/ 122 jts 2 3/8" 5.95# PH6 tbg .MU BHA 3.75? convex mill w/ wear bars . 2.875 cross over sub. 2.875? perforator sub x 3.66? perf tool. Stabilizer sub 3.7? x2.875? .2.875 double flapper valve sub.Had to clean the parafin out of the heavy slips. Shut down for 30 min to clean. Ran in well with 35 jts plus Bha to be at-1,095.74 . Filled tbng with 4.3 bbls of recycled fluid. Continue snubbing in well to balance point.Loaded the tbng with fluid again at 70 jts to be @ 2,183.21 Snubbed 85 jts in well to be heavy. 110 jts in well at midnight to be @3,426.89 . - Continue to rig up snubbing unit and prepare to test same.

Daily Cost: \$0

Cumulative Cost: \$1,920,916

7/11/2013 Day: 37

Completion

Mountain States #1409 on 7/11/2013 - Continue tripping in well w/ Abrasive perf tools. - Moved 85 jts 2-3/8" PH-6 tubing and tallied. 4-C on location to pull water out of FB tanks. - 19:40 Tag up on jt 405. EOT @ 12,587. LD jt 405. 19:50 Currently RU power swivel to swivel through tight spot. 20:35 R/U power swivel on jt 405 @ 12,587?. PU WT 56k. SO WT 46K. Nutral WT 50K. Break circulation with 2.3 bpm, 3600 psi through 11/64? choke, 2800 psi. getting back 3 bbls in return. Swivel in jt 405 while working through tight spot. - 21:05 Circulated a 20 bbl sweep, 20 bbl spacer & 20 bbl sweep at 2.4 bpm at 3200 psi through 19/64? choke at 2,800 psi. getting 3.2 bbls in return. Working tubing while rotating 100 rpm every 5-10 min. PU WT 56k. SO WT 46K. Nutral WT 50K. - 23:50 Finish circulating 350 bbls at 2 bpm, 3200 psi through 18/64" choke at 2400 psi. Swiveled in 2 jts 2-3/8? PH-6 (ttl 407 jts). EOT @ 12,618?. Rack back swivel in derrick. Continue P/U and RIH w/tubing to 18,000?. - 0215am-145 jts in well to be @4,515.32 0415am-215jts in well to be @6,677.34 0510am-273 jts in well to be@8,470.88 - 2 3/8" 5.95# PH6 tbg .RIH w/ BHA 3.75? convex mill w/ wear bars . 2.875 cross over sub. 2.875? perforator sub x 3.66? perf tool. Stabilizer sub 3.7? x2.875? .2.875 double flapper valve sub. 274jts 2 3/8? 5.95# PH6 tbg. While attempting to pump down tbg . tbg pressured up surged tbg . @3000psi pressure was bleeding off 1000psi min con't to unplug tbg trash surging attempting fluff possible scale in tbg. Pumping down tbg @4600 psi 2.5bbl min. CSG 2200psi 16/64choke. Weatherford will shift perf tool open @3.5bbls min then lower rate to close tool . - 18:25 Currently : 2 3/8" 5.95# PH6 tbg .RIH w/ BHA 3.75? convex mill w/ wear bars . 2.875 cross over sub. 2.875? perforator sub x 3.66? perf tool. Stabilizer sub 3.7? x2.875? .2.875 double flapper valve sub. 404jts 2 3/8? 5.95# PH6 tbg. EOT @ 12,525?. Pumping down to fill tbg 1000? @4600 psi 2.5bbl min. CSG 2200psi 16/64choke. - 17:45 Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. - Con't RIH w/ tbg & tools . jt 404 12525' RD power swivel Pumping down to fill tbg every 1000? @4600 psi 2.5bbl min. CSG 2200psi 16/64choke.Con't to RIH w/ 2 3/8" 5.95# PH 6 tbg to18,000'. - Con't RIH w/ tbg & tools .started losing weight on jt 333 10330' sleeve#38 RU power swivel .Swivel thru #38 upwt 60k dnwt 48k nwt 52k WOB 3k FS 1000, Drill torque1200lbs. flow back 2.5bbls min

@2000psi. Pump 2.1 bbls min @4700psi. Con't to RIH w/ 2 3/8" 5.95# PH 6 tbg to 18,000'. RU wire line RIH w/ temp & GR tools . POOH w/ wire line tools . Pull up to 17706' shift perf tool. - Door seal on #2 Snubbing ram started leaking. Bled off pressure to top pipe ram below snubbing unit. Repaired door seal. While 2 guys changed the door seal on the snubbing unit and equalized over. The rest of the crew loaded the racks with tbg and tallied. 194 jts tallied. - Continue RIH with Abrasive perf gun. 120 jts in well to be @3,737.79 . Load the racks with tbg. Talley tbg and fill tbg with recycled fluid. Took 7.2 bbls to fill.

Daily Cost: \$0

Cumulative Cost: \$1,990,901

7/12/2013 Day: 38

Completion

Mountain States #1409 on 7/12/2013 - Continue tripping in well w/ Abrasive perf tools. - 22:20 RIH w/Temp/GR tools. 22:30 MIRU 2 Baker Hughes pump truck and laid pump lines to both side of flowcross. 23:45 RIH w/Protechnics tools to 3620' ?WLM? at 160 ft./min. Logged up hole to 3,590' correlate w/ R Nipple @ 3,607' w/tubing tally. RIH down to 9333' (68*) and set down. PU WL tools to string weight and start pumping down at 113 ft./min at 1 bpm, 3000 psi through 16/64' choke, 2,200 psi w/2.5 bpm in returns. - 21:20 Perform dead head test against unit to 10,000 psi for 5 min. Test good. BO pressure. 21:30 RU test hose on pump in sub and pressure test lubricator to 4,500 psi for 5 min and check for leaks w/TIW valve closed. Test good. RDMO Weatherford test unit. - 21:10 Hold Pre Job Safety meeting & JSA w/ MT States, Rock Water, and Weatherford & JW Wireline. Review NFX safety Policy and Procedures, Review JSA and discuss WL procedure, overhead load, Pinch Points, Pressure Release, Smoking Area, high pressure lines. Pumped down procedure. - 19:40 MIRU JW Wireline and Weatherford test unit. MU & PU 3-1/2' lubricator w/WL BOP & pump in sub. PU tool string inside lubricator consisting of: Protechnics Battery 1.70' OD x 6.19' long, CCL 1.70' OD x 1.57' long, Memory Spectra scan Detector 1.70' OD x 3.29' long, Pressure / Temperature 1.70' OD x 2.36' long, 2 Wt bars 1-11/16' OD x 14' long & Cable head 1-11/16' OD x 1.0' long. MU lubricator on top of 2' full opening TIW valve (closed). - 18:40 Circulating 275 out of 510 bbls at 1.7 bpm @ 3400 psi through 16/64' choke @ 2250 psi w/3 bbls in return. 19:40 Finish Circulate 382 Bbls of treated water @ 1.7 bpm @ 3400 psi through 16/64' choke @ 2250 psi. Well clean with blue dye in returns. No sand in returns. SD, BO pressure. - 17:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. Plan is to have another safety meeting & JSA when Baker arrive on location. - Con't RIH w/ 2 3/8" 5.95# PH6 tbg swivel in all 25 jts to 18025.' PUMP bottom's up. - 556jts 2 3/8" 5.95# PH6 tbg. Sleeve#10 @17224' stuck in sleeve working tbg up 90k dn60k with no torque. Work up 90k dn60 with torque. Pulled up 100k with torque pulled free checked weight 52k, shut down pump made sure double flapper was in place. Started Pumping down tbg @3200 psi 2.5bbl min. CSG 2200psi 16/64choke flow back 3.5 bbls min. started drilling down 17224'mill up sleeve.upwt 58k, dnwt 45k, nwt52k,WOB 1k FS 1200 , drill torque 1500lbs. 2.5 bbls min 3200psi . Flowback 3.0bbls 16/64 ck 2200psi. 25min mill up. - 05:45 Tag up w/10' in on jt 528 EOT 16,356'. 05:50 Currently R/U swivel on jt 528.pumped down tbg to load & circulate fluid through tools.flow back open 16/64 ck 3.5 bbls min .Con't RIH w/ tbg to 18,000'. 556jts 2 3/8" 5.95# PH6 tbg. Sleeve#10 @17224' stuck in sleeve working tbg up 70k dn60k with no torque.pumping 2.0bbls min 4600psi. Flowback 3.5bbls 2200psi .choke set @16/64. - 03:45 Con't RIH w/ tbg to 18,000'. 04:50 Tag up 7' in on jt 510. EOT @ 15,793'. LD jt 510. R/U swivel on jt 510. Swivel in 510, 511 tag nothing. 05:05 Currently racking back swivel. EOT @ 15,848'. 05:25 Cont RIH w/tubing to 18,000' - 02:45 Con't RIH w/ tbg to 18,000'. 03:15 Currently : 2 3/8" 5.95# PH6 tbg .RIH w/ BHA 3.75' convex mill w/ wear bars . 2.875 cross over sub. 2.875' perforator sub x 3.66' perf tool. Stabilizer sub 3.7' x2.875' .2.875 double flapper valve sub. 498 jts 2 3/8" 5.95# PH6 tbg. EOT @ 15,444'. Pumping down to fill tbg 966' @3800 psi 2 bpm. CSG 2500psi 16/64choke. Moving 102 jts 2-

3/8" PH-6 tubing over on pipe rack, tallied. Continue to circulate while tallying tubing. Pumped 33.3 Bbls - 01:30 Continue RIH w/2-3/8" PH-6 and BHA to 18,000'. RIH w/465 jts 2-3/8" PH-6 and place a R Nipple @ 14,418'. Continue RIH w/tubing to 18,000'. 02:45 Currently : 2 3/8" 5.95# PH6 tbg .RIH w/ BHA 3.75" convex mill w/ wear bars . 2.875 cross over sub. 2.875" perforator sub x 3.66" perf tool. Stabilizer sub 3.7" x2.875" .2.875 double flapper valve sub. 475jts 2 3/8" 5.95# PH6 tbg. EOT @ 14,728". Pumping down to fill tbg 1000' @3200 psi 2 bpm. CSG 2300psi 16/64choke. - Finish racking back swivel in derrick. Continue RIH w/2-3/8" PH-6 and BHA to 18,000'. 01:30 Currently : 2 3/8" 5.95# PH6 tbg .RIH w/ BHA 3.75" convex mill w/ wear bars . 2.875 cross over sub. 2.875" perforator sub x 3.66" perf tool. Stabilizer sub 3.7" x2.875" .2.875 double flapper valve sub. 440jts 2 3/8" 5.95# PH6 tbg. EOT @ 13,641". Pumping down to fill tbg 1000' @3000 psi 2 bpm. CSG 2300psi 16/64choke.

Daily Cost: \$0

Cumulative Cost: \$2,034,086

7/13/2013 Day: 39

Completion

Mountain States #1409 on 7/13/2013 - Made to 3 logging run 1 with 5 bpm, 1 with 15 bpm, 3rd run waited 2 hrs, POOH logging up to 15,000'. Finish OOH with logging tools, RDMO JW WL, Baker Hughes. Weatherford Abrasive Perf at 17,706, 17,438 & 17,204', Continue to Abrasive Perf. - 23:35 SD pumping to closed abrasive perf tool. 23:40 Current Op?s Circulating a 10 bbl sweep w/blue dye follow w/150 bbls of treated water down tubing @ 2 bpm, 3400 psi through 20/64' choke with 3 bbls in return. - 22:35 RU pump line on top of 2? TIW valve. Weatherford begin mixing 1 ppg 20/40 sand. 22:40 Started pumping down hole @ 3.5 bpm, 5,200 psi to shift abrasive tool open while holding 2800 psi back pressure through 18/64' choke. 22:50 Current Op?s Abrasive perforated interval #3 @ 17,204' @ 2 bpm, 5400 psi while holding 2800 psi back pressure through 18/64' choke w/2 bpm in return. Weatherford abrasive tool set for 4 hole, 90 degree phasing w/1/8" nozzles. Total 4 holes. Perforated Green River Formation. 23:35 Finish abrasive perf #3 @ 17,204'. - 21:20 Current Op?s RD pump line. POOH/LD 8? 2-3/8" PH-6 tubing subs. Pulling up to jt #554 @17,183' add 22? 2 3/8" 5.95# PH6 Pups 1? out. Should put perf @ 17,204'. - 20:15 RU pump line on top of 2? TIW valve. Weatherford begin mixing 1 ppg 20/40 sand. 20:25 Started pumping down hole @ 3.5 bpm, 5,000 psi to shift abrasive tool open while hold 2500 psi back pressure through 18/64' choke. 20:40 Current Op?s Abrasive perforated interval #2 @ 17,438' @ 2 bpm, 5600 psi while holding 2500 psi back pressure through 18/64' choke w/2 bpm in return. Weatherford abrasive tool set for 4 hole, 90 degree phasing w/1/8" nozzles. Total 4 holes. Perforated Green River Formation. 21:10 Finish abrasive perf #2 @ 17,438'. - 18:25 Current Op?s POOH/LD 24? 2-3/8" PH-6 tubing subs. Pulling up to jt #562 @17,432 add 8? 2 3/8" 5.95# PH6 Pups 1? out. Should put perf @ 17,438' shift perf tool. - 18:20 Finish abrasive perf #1 @ 17,706'. - Continue pumping down Protechnics Tem/GR tools down to 17500'. 00:01 Continue pumping down Protechnics tools @ 1.5 bpm at 2,600 psi through 16/64' choke @ 1900 psi w/2.5 bpm in return. Pump down to 17,681'. P/U tool string to string weight @ 17,667'. SD for safety meeting. 12:50 Prime & Pressure test Baker pressure line to 9,000 psi. Test good. BO pressure to 2300 psi. SD for safety meeting. - Currently Pulling up to jt #570@17683 add 24? 2 3/8" 5.95# PH6 Pups 1? out. Should put perf @ 17706' shift perf tool. Prepare to abrasive perf hole in 7? 29# CSG. RU abrasive mixer to 10k Weatherford pump. Pump 35bbls water Ahead. Noticed leak at TIW valve shut down fix leak. - Pump down logging tool 120' min @1.3bbls min stopped @17684.8 let set for 1.5 hr while well is heating up.started logging well 30' min no pumping down CSG. POOH w/ wire line & Protechnics Battery 1.70" OD x 6.19" long, CCL 1.70" OD x 1.57" long, Memory Spectra scan Detector1.70" OD x 3.29" long, Pressure / Temperature 1.70" OD x 2.36" long, 2 Wt bars 1-11/16" OD x 14" long & Cable head 1-11/16" OD x 1.0" long. LD all. Jeff w/ ProTechnic?s currently down load results of log.RD 5.5 10k Lubricator & sheaves . RD Baker pumping Crew. Pull up to 17706' shift perf tool. - 05:45 Second run. Finish logging up hole from 17,682' to 15,000'. SD pumping. SWI. BO Baker Hughes pressure line to 0 psi. Pumped 745 bbls of treated water. ISIP 5150 psi. - 03:45 Open well. SICP 3,600 psi. Second run. Start pumping

down Protechnics temp/GR tools from 14,973? to 17,682? @ 1.5 bpm, 4600 psi through 16/64? choke @ 3,600 psi. getting 2.5 bpm in return. 04:20 Baker pressure up on pressure lines to 3,500 psi. Open well. SICP 3,200 psi. Establish injection rate down backside @ 13 bpm, 4355 psi w/44 bbls of treated water.. 04:30 Second run. Started Logging up hole from 17,682 to 15,000? at 30 ft./min while pumping 13 bpm. - 01:45 Open well. SICP 2,000 psi. Establish injection rate down backside @ 5.6 bpm, 3352 psi w/15 bbls of treated water. 01:50 First run. Started Logging up hole from 17,667 to 15,000? at 30 ft./min while pumping 5.6 bpm. 03:40 First run. Finish logging up hole from 17,667? to 15,000'. SD pumping. SWI. BO Baker Hughes pressure line to 0 psi. Pumped 324 bbls of treated water. ISIP 3,625 psi. - 01:25 Hold Pre Job Safety meeting & JSA w/ MT States, Rock Water, and Weatherford, JW Wireline & Baker Hughes. Review NFX safety Policy and Procedures, Review JSA and discuss WL procedure, overhead load, Pinch Points, Pressure Release, Smoking Area, high pressure lines. Pumped down procedure. - 05:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor.

Daily Cost: \$0

Cumulative Cost: \$2,134,729

7/14/2013 Day: 40

Completion

Mountain States #1409 on 7/14/2013 - Circulate 10 bbl sweep w/150 bbls of treated water. Pull up hole to 16,972, 16,696 & 16,465' and abrasive perf - 21:20 Current Op?s Circulating 2-1/2 BU sweep at 1.8 bpm @ 2,600 psi, while P/U tubing and rotating at 100 rpm. 00:00 Current Op?s Circulate 20 bbl sweep, 30 bbl spacer & 20 bbl sweep with 275 bbls of treated water at 1.4 bpm @ 2,200 psi, while P/U tubing and rotating at 100 rpm. Plan forward: Finish circulating 485 bbls of treated water w/sweeps and swivel/POOH while LD 581 jts 2-3/8? PH-6 working string with thread protector - 18:10 PU jt565 @17,524? pumping down @ 2 bpm, 4,700 psi while holding 2000 psi back pressure through 16/64? choke w/2 bbl min flow back. & Con?t RIH w/ 16 jts 2 3/8? 5.95# PH6 tbg to 18025? Pump 2 WBV w/10bbl sweeps. 21:15 PU & swivel in 16 jts 2-3/8? PH-6 tubing while pumping down @ 1.8 bpm, 2,600 psi while holding 2,200 psi back pressure through 16/64? choke w/2 bbl min flow back. EOT @ 18,025? w/581 jts. - 17:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. - PU jt532 pumping down & Con?t RIH w/27 jts 2 3/8? 5.95# PH6 tbg to 18000? Pump 2 WBV w/10bbl sweeps. - Broke down 2" hard line.RU power swivel . Tbg getting sticky @16465? PU to 16,455? pumping 1WBV . Finished pumping 364bbls 1WBV w/ 20bbl sweeps@ 16,455? to16465? @ 2 bpm, 4,600 psi while holding 2000 psi back pressure through 16/64? choke w/2bbl min flow back. - 00:01 Continue Circulating a 10 bbl sweep w/blue dye follow w/150 bbls of treated water down tubing @ 2 bpm, 3400 psi through 20/64' choke with 3 bbls in return. - 04:40 RU pump line on top of 2? TIW valve. Weatherford begin mixing 1 ppg 20/40 sand. 04:45 Started pumping down hole @ 3.7 bpm, 4200 psi to shift abrasive tool open while holding 2000 psi back pressure through 16/64? choke. 05:00 Current Op?s Abrasive perforated interval 16,696? @ 2 bpm, 4,600 psi while holding 2000 psi back pressure through 16/64? choke w/1.5 bpm in return. Weatherford abrasive tool set for 4 hole, 90 degree phasing w/1/8? nozzles. Total 4 holes. Perforated Uteland Butte Formation. 06:30 Finish abrasive perf #5 @ 16,696 - 03:20 Current Op?s RD pump line. POOH/LD 8? 2-3/8? PH-6 tubing subs. Pulled up to jt #538 @16,686? add 10? 2 3/8? 5.95# PH6 Pups 0? out. Should put perf @ 16,696?. - 01:50 RU pump line on top of 2? TIW valve. Weatherford begin mixing 1 ppg 20/40 sand. 02:10 Started pumping down hole @ 3.7 bpm, 5,800 psi to shift abrasive tool open while holding 2000 psi back pressure through 16/64? choke. 02:20 Current Op?s Abrasive perforated interval #4 @ 16,972? @ 2 bpm, 4800 psi while holding 2000 psi back

pressure through 16/64? choke w/1.5 bpm in return. Weatherford abrasive tool set for 4 hole, 90 degree phasing w/1/8? nozzles. Total 4 holes. Perforated Uteland Butte Formation. 03:15 Finish abrasive perf #4 @ 16,972'. - 00:50 Current Op?s RD pump line. POOH/LD 22? 2-3/8? PH-6 tubing subs. Pulled up hole to jt #547 @16,966? add 8? 2 3/8? 5.95# PH6 Pups 2? out. Should put perf #4 @ 16,972?. - POOH w/ 7jts 2 3/8" PH6 tbg LD all . RIH w/ 4' 2 3/8" PH6 pup leave 2' out .RU pump line on top of 2? TIW valve. Weatherford begin mixing 1 ppg 20/40 sand. start Abrasive perforating interval 16,465? @ 2 bpm, 4,600 psi while holding 2000 psi back pressure through 16/64? choke w/1.5 bpm in return. Weatherford abrasive tool set for 4 hole, 90 degree phasing w/1/8? nozzles. Total 4 holes. Perforated Uteland Butte Formation

Daily Cost: \$0

Cumulative Cost: \$2,176,224

7/15/2013 Day: 41

Completion

Mountain States #1409 on 7/15/2013 - Continue circulating well clean 663 bbls, POOH/LD 174 jts 2-3/8" PH-6 tubing. EOT @ 12,618'. - - 00:00 Current Op?s Continue swiveling/POOH w/2-3/8? PH-6 tubing while LD on pipe with thread protector. Total 174 jts OOH. EOT @ 12,618?. Flowing well back on 10/64? at 1700 psi w/1/2 bpm in returnc - 19:05 Current Op?s RU swivel on jt 474 to swivel OOH up to 9,370? (72*). 22:00 Current Op?s Continue swiveling/POOH w/2-3/8? PH-6 tubing while LD on pipe rack w/thread protector. Total 141 jts OOH. EOT @ 13,641?. Flowing well back on 10/64? at 1700 psi w/1/2 bpm in return. 22:45 ITL & 4-C Fill 15 frac tanks w/fresh water (ttl 6750 bbls) on location. Western Chemical on location and treated water w/Claycare @ 1gpt and Alpha 452 @ 1 gpt. - 00:01 Continue circulating 1-1/2 BU at 1.4 bpm, 2200 psi through 16/64" choke w/2 bpm in returns 02:00 Circulate 20 bbl sweep, 30 bbl spacer & 20 bbl sweep with 380 bbls of treated water at 1.4 bpm @ 1600 psi, while P/U tubing and rotating at 100 rpm. 02:40 Current Op?s Continue to circulate at 1.4 bpm @ 1600 psi through 20/64? choke w/3 bpm in return. Pump ttl 480 of 800 bbls. 05:00 Finish circulate 663 bbls of treated water w/sweeps at 1.4 bpm @ 1000 psi through 20/64? choke w/3 bpm in return. SWI. SICP 700 psi. No sand in returns w/several samples at surface. While circulate getting back gas & oil in returns. - 17:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. - 05:10 Current Op?s POOH/LD 256 jts 2-3/8? PH-6 tubing on pipe rack w/thread protector up to 10,080' (90*) Id 50jts 2 3/8" 5.95#PH6 tbg. RD power swivel. con't LD tbg 53jts 2-3/8? PH-6 tubing on pipe rack w/thread protector. Current depth 15382? tbg getting a little sticky Swivel up pooh with a few jts .pump a sweep10bbls . Swiveled out 7 jts 2 3/8" PH6 . RD power swivel .Con't POOH w/ 7jts 2 3/8" 5.95# PH6 tbg.Got sticky Swiveled up Pump 20bbl sweep.pump 2 tbg volumes. Start swivel out tbg. - Continue to POOH/LD 2-3/8" PH-6 tubing up to snubbing point. 18:00 PU WT 70K. SO WT 40K. Nutral WT 52K. POOH/LD 2 jts w/swivel. Rack Back swivel in derrick. POOH/LD 1 jts and pulled over to 90K. 20K over string weight w/jt 474 with 28? out. Work tubing free. Tight spot @ 14,695?.

Daily Cost: \$0

Cumulative Cost: \$2,275,923

7/16/2013 Day: 42

Completion

Mountain States #1409 on 7/16/2013 - Continue POOH/snubbing OOH while LD 407 jts 2-3/8" PH-6 tubing - 00:01 Continue Swiveling/POOH while LD 2-3/8" PH-6 tubing (WS) on pipe rack. 03:00 Current Op?s Continue swiveling/POOH w/2-3/8? PH-6 tubing while LD on pipe rack with thread protector. Total 241 jts OOH. EOT @ 10,545?. Flowing well back on 10/64? choke at 1200 psi w/1/2 bpm in return. - 05:30 Continue swiveling/POOH w/2-3/8? PH-6 tubing while LD on pipe rack with thread protector. Total 269 jts OOH. EOT @ 9,678?. Flowing well

back on 10/64? choke at 1200 psi w/1/2 bpm in return. 05:40 Current Op?s Rack swivel back in derrick. POOH/LD 356jts 2-3/8? PH-6 tubing on pipe rack w/thread protector. Current depth 7573? Double back rig Runner PU 267jts 2 3/8? 5.95# PH6 tbg taking it back to runners to be inspected . Plan forward: POOH/LD 244 jts 2-3/8? PH-6 working string with thread protector up to 179jt that will be Snubbing point. Con?t to snub OOH. RD Weatherford pump & hard line. - POOH/LD 579jts 2-3/8? PH-6 tubing on pipe rack w/thread protector. Current depth 653? . Snubbing OOH/LD 21 jts 2-3/8? PH-6 working string with thread protector on both ends. LD BHA 3.75? convex mill w/ wear bars . 2.875 cross over sub. 2.875? perforator sub x 3.66? perf tool. Stabilizer sub 3.7? x2.875? .2.875 double flapper valve sub. Picture 3.75 mill & perf tool . Send to Matt & Orson. ND Snubbing unit . RD work over Rig move off Location . ND 7 1/16? 10k BOP. NU 7 1/16? 10 frac stack Test Frac stack to Newfield guide line standards.

Daily Cost: \$0

Cumulative Cost: \$2,319,453

7/17/2013 Day: 43

Completion

Mountain States #1409 on 7/17/2013 - NU Frac stack and get ready to frac - well secure no activity on well. - NU 7 1/16? 10 FMC frac stack Test Frac stack to Newfield guide line standards.Done testing everything tested good. - Rockwater RU flowback iron to the frac stack test it in the AM. Getting location ready for the frac crew. - clean up location moved Knight 10k BOP off to side of location . Moving some pipe racks to 4- 18 - 3- 3wh. Zubiati tucking will be moving mountain states pump & flat tank. To other location. Prepare location for frac crew to moving Equip.

Daily Cost: \$0

Cumulative Cost: \$2,337,233

7/18/2013 Day: 44

Completion

Rigless on 7/18/2013 - Well is secure and no activity. - Baker frac crew on location to RD sand masters &move off location . Brady trucking loading up sand and hauling off location. FMC crew testing 2" 10k flow iron from 4" valve off flow cross to double 10k 2" valves. 250psi low to 10000psi high. Baker Hughes done loading sand in to the sand hualers from the sand kings. - Well is secure and no activity. - Well is secure and no activity.

Daily Cost: \$0

Cumulative Cost: \$2,350,714

7/19/2013 Day: 45

Completion

Rigless on 7/19/2013 - No Activity. Waiting on a Frac Company. - No Activity. Waiting on a Frac Company.

Daily Cost: \$0

Cumulative Cost: \$2,355,479

7/20/2013 Day: 46

Completion

Rigless on 7/20/2013 - No Activity. Waiting on a Frac Company. - Halliburton Frac finished spotting in Mountain mover & T Belt. HES crew laid out& RU Manifold to Frac tanks. JW wireline has finished RU Crane 10k Lubricator. Baker Hughes chemical dropped trailer of SCALESORB7 9-pallets 7,775lbs. - Brady sand haulers loading sand in Mountain movers. Well is secure No Activity. Waiting on a Frac Company.

Daily Cost: \$0

Cumulative Cost: \$2,360,244

7/21/2013 Day: 47

Completion

Rigless on 7/21/2013 - No Activity. Waiting on a Frac Company. - No Activity until 6am - No Activity. Waiting on a Frac Company. - Held safety meeting Reviewed JSA RU procedures .MIRU HES frac Equip ,Pumps,Blender, CMG hydration, backside. Spotted front side and continue rig up. - PJSM with HES frac crew. Begin load and pressure test of frac equipment.

Daily Cost: \$0

Cumulative Cost: \$2,367,929

7/22/2013 Day: 48

Completion

Rigless on 7/22/2013 - MIRU HES frac Pumps pressure test lines Prepare to frac stages 8-13. Frac stages 8-13. Rih with wireline. Stuck the plug. Pulled out of rope socket. Rig out frac - PJSM.-Rig wireline down. Begin rigging frac crew out. - Held PJSM:-Ran in hole with 10K Halliburton Obsidion plug. Began pump in at 8560?. Pumped plug @ 9 bbls per min. 162 ft per min at 4360 psi. Rih to 12,068. Plug hung up. Worked plug back to 11,950. Still working stuck plug on wireline. Flowing back well on 48/64? choke with 1100 psi on well . Well is building pressure. Continue working wireline. Pulled out of rope socket. Pooh w/ wireline. Inspect wireline. All indications are all wireline is recovered. - No Activity. Frac crew is rigged up and tested. All crews will be on location at 6am. - Hold safety meeting Review JSA's w/ all parties on location .Stage # 8-13 Pop Off set at 8,860 Psi, Hydraulic Fracture Uteland Butte stage #8-13 as follows: pumped pad Break down 3890 psi. Avg rate: 44 bpm, Avg press: 5860 psi, Max rate: 60 bpm, Max press: 7520 Psi. FG. 0.434, Total 30/50 White: 558,019lbs, Total Biovert: 927bbls. Total 15% FE acid 1680 gal. Avg HHP: 6,277. Total load to recover 9,661 bbls - 1. Pop off set at 8810 psi. Pressure tested to 9560 psi 2. Problems getting Biovert going with acid pump, Biovert plugging off. Shutdown to fix, down for ~50min, ISIP of 3,870psi. 3. No problems getting back into job, did not see any pressure response when Biovert reached formation. 4. Came off for planned shutdown, down for 1hr 10mins. Final pressure 3790psi. 5. Took pump off in 4th 1ppg sand stage, leaking coolant - blew radiator hose. Made rate up with rest of pumps. 6. Had several dips in prop conc, sand loaded on back of T-belt slowed belt down, caused hopper to get low. 7. Had sand spike to 8ppg in last 4ppg sand stage, no known reason. Able to push sand spike thru perms with no trouble. 8. Overall good effort by crew during job. LGC-36-2.3% (176.1), BC-200-6% (33.9), FR-66-21.2% (16.8), CL-31-2.2% (4.5) Scalesorb 7-2% (31.9), MX 2-2738 -4.3% (3.6) Optiflo II-6.7% (24.7), Optiflo H T E-7.4% (1.9), CLA-Web-2.7% (5.5), MCB 8630-8.9% (8.2)

Daily Cost: \$0

Cumulative Cost: \$2,705,718

7/23/2013 Day: 49

Completion

Rigless on 7/23/2013 - Finish rigging frac out and off location. - - Continue to rig out frac equipment. - Waiting on Weatherford Crane and nipple up crew to nipple down frac stack and nipple Bop stack and test. - Weatherford BOP crane ND FMC 7 1/16" 10k frac stack. NU Knight 7 1/16? BOP stack Test BOP stack to Newfield guideline standards. Lower 2 3/8" ram block rubbers were damaged with base plate of testing mandril after mandril was closed on it. Ram blocks were inspected by Blake with Knight. Ram block rubbers were changed out along with door seals. Testing continued. All tests held 100%. Plan Forward : MIRU Western W/O rig. MIRU snubbing Unit . NU & test Unit .

Daily Cost: \$0

Cumulative Cost: \$2,720,863

7/24/2013 Day: 50

Completion

WWS #5 on 7/24/2013 - Finish testing BOPE. MIRU Western WOR. MIRU MT States Snubbing unit and pressure test same. MU fishing BHA. MIH with 52 jts 2 3/8" PH6 tbg. - Continue MIH with fishing tools and 2 3/8" PH6 tbg 52 jts total). Stopping to fill and flush tbg every 35 jts. 3,100 psi on tbg when flushing. Flowback psi ranging from 2,100-3,200 psi. - WTF tools arrived on location at 1930 hrs. They passed inspection. Made up RBS fishing BHA. 3 1/8" OD x 1" ID x 2.47 L overshot dressed with a 2 3/4" spiral grapple and a 2 5/8" ID stop ring, 3 5/6" OD x 2 11/16" ID x 1.4 L o-shot extension, 3 1/8" OD x 1" ID x .52 L drain sub, 3" OD X 1 1/2" X 2.20 L string float, 3" OD X 2 5/16" X 1.73 L string float, 3 1/8" OD x 1" ID X 7.97 L bumper sub, 3 1/8" OD X 1" ID X 10.83 L jars, 3 1/8" OD X 1" ID X 1.25 L x-over, 2 3/8" OD x 1 13/16" ID x 8" L pup jt, 1-2 15/16" RN nipple. Open well, well had 3200 psi on it. Flowed well back to relieve pressure below 3000 psi and began snubbing in with fishing tools and 2 3/8" PH6 P-110 tbg. 538 jts of 2 3/8" PH6 P-110 tubing has been delivered to location. I spoke with Tom at Runners and he said that we were brought everything they had inspected and hydro-tested as of this afternoon. He also assured me that the remaining 62 jts are being inspected and hydro-tested first thing in the morning and that they would be on location as soon as possible. - Finished pressure testing snubbing unit. As per NFX guidelines. All tested good. Final load of 2 3/8" PH-6 P-110 tubing has arrived. Clean and drift process is still in progress. LOR rep. Coy has rejected the 2-R Nipples and RN Nipple. The box ends were good but the pins were out of specs by .025". Replacements are in route from WTF in Vernal. Held PJSM with Rig crew, snubbing crew, flowback crew, fisherman, NFX Safety Reps and NFX Co. Reps. - Pressure testing completed. Release all crews. Secure well and location. SDFN. - PJSM with Western well Rig crew and Mtn States Snubbing crew. Rig up workover rig and nipple down Annular BOP. Spot snubbing unit and rig up Snubbing unit. Change annular rubber on Snubbing unit. - No activity. - Begin pressure testing snubbing unit as per NFX testing guidelines. Unload tbng from runners. QT cleaning and drifting tbng.

Daily Cost: \$0

Cumulative Cost: \$2,776,127

7/25/2013 Day: 51

Completion

WWS #5 on 7/25/2013 - Measure in hole with RBS fishing tools. Engage and work fish. Circulate hole clean. POOH with 96 stands. SDFN (no snubbing at night). Secure well and location. - No activity. - POOH with 96 stands of 2 3/8" PH6, P-110 tubing, leaving tail @ 5,313'. SDFN (no snubbing at night). Secure well and location. All crews including gate guard released for the night. - Tagged up solid on jt 363 4ft in to be @11,270ft. Had to pull 50k over string weight to pull pipe free. String weight 64,000 up and 48,000 down. WLM fish top is @ 11,950'. Update-Continue Rih w/ fishing tools. Tagged up solid on jt 363 4ft in to be @11,270ft. Had to pull 50k over string weight to pull pipe free. String weight 64,000 up and 48,000 down. WLM fish top is @ 11,950'. Current Operations. Rigging up power swivel. Update-Circulate liner clean. 3 bbls per min @ 3450 psi. 24/64" choke. Returning 4 bbls per min @1500 psi. Circulated well for 40 minutes. Stop circulation. Lay down 1 jt. Currently tightening stiff arm cables and preparing to pull 1 more jt. After that we will run back in with the 2 jts we layed down and check the tag depth. - Lay down 1 jt. Rack out pwr swivel. Prepare to pooh standing back.. - Continue MIH with RBS fishing BHA and 2 3/8" PH6 P-110 tbg, stopping to fill and flush tbg every 35 jts. Flowback is open on a 12/64's choke flowing at 1,200 psi. 0700am- Jt 267 is in well. EOT-8323.90. Tie rig back. Fill tbng and continue RIH. 1000am-Snubbing unit tong hose broke. Shut down. Went to other snubbing unit and got a new hose.

Daily Cost: \$0

Cumulative Cost: \$2,838,277

7/26/2013 Day: 52

Completion

WWS #5 on 7/26/2013 - Finish pulling stands to balance point. Snub out to fishing tools and secure in stack. Rig up wireline. Lubricate tools out of well. Lay down tools. Rig down wireline. Rig snubbing unit up. Test snubbing unit. MU & MIH with 3.75" Junk Mill, SIH to - PJSM. Continue Pooh with fishing tools and fish to balance point. Well was flowing on a 4/64" choke making only gas @450 psi. Opened the choke to 64/64". Well blew down. Started making fluid. Well built back to 450 psi. Pulled over balance point and snubbed 6 stands and 8' sub up out of the well. PJSM- Broke out nipple and made measurement of 19' from top of rig slips to flow cross. Snubbed 8' sub back down below top ram on the BOP stack. Closed top ram and bumped up. Locked ram. Bled off snubbing stack. Broke out stand and racked back in derrick. Rig down the snubbing unit. - Well Secure. All Vendors released until 6 am. - Continue snubbing in the hole stopping to fill and flush every 30 jts. A total of 242 jts in hole at report time. - PJSM-Spot JW Wireline truck. Make up Lbricator. Install 7" 5k flange on top of BOP stack. PJSM-Pressure test lubricator and flange. Equalize over. Unlock and open rams. Pooh with bha and fishing tools. Close HCR valve. Had all of the fishing tools. The live guns, and the setting tool. No obsidian plug. - PJSM-Rig up snubbing unit. 1700- Snubbing crew is changing annular rubber. RU WTF pressure tester and pressure test snubbing unit as per Newfield guidelines. Lower kelly valve on power swivel pressure tested to 5,000 psi. - Break out and laydown wireline tools. Dis arm perf gun. Break out and lay down fishing tools. Rig down JW Wireline lubricator, flange, and wireline truck. - Make up 3 3/4" x 1.49' Junk Mill, 3 1/16" x 1.05' Bit Sub, 3" x 2.20' string float, 3 1/16" x 1.73' string float, 2 3/8" Reg x 2 3/8" PH6 x-over, 1 jt 2 3/8" PH6 P-110 tbg, RN Nipple. Bled down well head gas from 2,600 PSI to 1,200 PSI on a 20/64 choke. Start snubbing in the hole.

Daily Cost: \$0

Cumulative Cost: \$2,905,185

7/27/2013 Day: 53

Completion

WWS #5 on 7/27/2013 - RIH with 3.75" junk mill. Change well over. DO plug and lower mill to 11,828' - Circulate out slug with 400 bbls recycled water. We are getting 80-90% oil in returns. - Oil transfer finished. Opened well on a 16/64's choke and bled gas off. Pressure dropped from 1,700 psi to 1,100 psi. Picked up 1 jt of tubing and tagged hard @ 9,366', set down 30k and pulled over 10k. RU power swivel. Pumped a 10 bbl xanvis sweep. Rotated @ 1,000 psi free torque and torque went as high as 1,900 psi until we worked past obstruction. Used PS without pumping to make 3 more connections to verify clean hole. RD PS. RIH with all tbg from derrick and started to PU tbg from pipe rack. Started to push through sand and stopped hard on jt #381 @ 11,828', set 50k down and pulled up to 20k over to pull free. Mixed a xanvis sweep and pumped 20 bbls down hole. - Flow back reported that the choke manifold lines and the transfer lines on the flowback tank were full of parafin. Also they estimate between 300 and 320 bbls of parafin in the flowback tanks. Hot oiler is on location. Stopped all operations and secured the well. PJSM with all parties involved. Wrote hotwork permitt and designated fire watch for hotoiler and choke operator. 0900-Begin heating tanks and manifold to transfer oil. - RIH with 3.75? junk mill to 8,513?. Mill stopped there (sat 14k down before stopping). Attempt to work past, no good. Obsidian plug appears to have work its way up the hole. RU power swivel. Prepare to rotate and circulate. Received delivery of Pipe On Pipe and a Xanthan Gum polymer sweep material from Western Chemical. Rig up Western Well Services polymer mixing tank. - Change the hole over with 282 bbls recycled water to circulate out oil and gas. Fluid is approx. 70% gas cut. Opened up choke to a 36/64 with 1,100 psi on choke to assist in venting the gas. We will begin drilling out plug after we change the hole over to clean fluid. Current returns are 80% oil/20% water in the fluid phase. We are pumping 2.8 BPM down hole and getting approx. 1 bbl in returns. - Stiff arm on power swivel is bent and too long for this WOR. Basic Energy did not have a shorter one. We borrowed one from Mountain States. - Tag top of plug @ 8513. Saw immediate torque. Picked up. Went

back down. No tag. No obstruction. Circulate 1 bottoms up from this spot.. Currently the mill is @8530. 0700- Rig down Power swivel. Begin tripping in well with stands of tbng. 301 jts in well to be @9344' with mill.

Daily Cost: \$0

Cumulative Cost: \$2,957,321

7/28/2013 Day: 54

Completion

WWS #5 on 7/28/2013 - Finish circulating hole clean. Cont. RIH with mill using power swivel to make connections. Swiveled down to 17,226', we got stuck there. Worked pipe free. Pumped sweep and circulated hole clean. PPO LD 145 jts tbng. - Continue LD tubing. 145 jts total on ground. Tbg tail @ 12,730'. - Finish circulating out polymer sweep, meanwhile coating the lateral with Pipe 2 Pipe and FR. Reduce choke from 32/64's to 6/64's @ 1/4 bbl/min. LD 5 jts using PS without rotating. RD PS. POOH laying down tubing. - Finished circulating hole clean. Last 125 bbls was 100% water. Continue RIH with mill using power swivel to make connections. Tagged hard at 12,103?, Attempted to rotate through with no success. Broke circulation, set 4k on mill with torque ranging from 1400 psi to 2400 psi and milled through part of the plug until it broke free again. Currently MIH with tubing. 417 jts in hole. Load more tubing onto pipe wrangler pipe rack. Tally tubing. Circulated wellbore while racking and tallying tubing. While loading water trucks with flowback the exhaust on the tank blowers were building H2S. The highest level of H2S recorded was 6.1 ppm. - Continue MIH using power swivel to make connections. 0930am-Tag up @15,331.85 . 494 jts in well. Worked through tight spot. Pump 180 bbls plus polymer sweeps to slick up the hole. Load racks and talley tbng. 1230pm. Work through tight spot @15,859.20 on jt 511. Circulate jt down. Cut pump and continue RIH. 1450PM. EOT-16,540.29 . 533 jts in well. 1700pm .EOT-17,226.64 . 555 Jts in well. - Worked jt #555 down and made a connection. Had trouble rotating and working jt #556 down. We LD jt #556 and attempted to work jt # 555. We were unable to rotate and became stuck. Pumped a polymer sweep and worked stuck pipe @ 17,226'. Pulling as much as 100k and setting down to 55k. We jarred down with 2,400 psi on torque, then released the torque and worked the same weight with no torque in string. Called Chris Meacham and he instructed me to pull as much as 110k while working stuck pipe. We transferred Mt States air controls for tubing spider to rig operator and removed Mt States personnel from basket. Worked stuck pipe for 20 min and were able to work pipe free. Called Mr. Meacham back and he called the depth of 17,226' TD. Circulating out polymer sweep and preparing to POOH and LD all tubing and mill.

Daily Cost: \$0

Cumulative Cost: \$3,007,741

7/29/2013 Day: 55

Completion

WWS #5 on 7/29/2013 - Fiashed out WL Guns. Also rigged down the Snubbing Unit. - PJSM with all personnel on location. Lightning storm has put a delay on the operation. 2010 hrs - Make up WTF Shorty plug with perforating guns. - PJSM-Spot and Rig up JW wireline. Spot and rig up Halliburton Pumping equipment. - Rig down snubbing unit. - Continue snubbing out of well w/ tbng and BHA. - Fixed O ring on the flange to the Husco. Test Jack. Good test. - Continue pulling out of well. Begin snubbing with 43 jts left in well. Blew a seal on the Husco of the snubbing unit.EOT-1,346.85 . - Continue LD tubing. Mill hung up on jt #347 (10765') in the hole. Unable to work past with a straight pul of up to 100k. RU PS and attempt to rotate through without pumping. Pumped 2.5 bbl/min using WTF pump with choke opened up to a 24/64. Worked through tight spot and swiveled out 1 more jt without restriction. RD PS. Continue POOH LD tubing. Mill hung up @ 8,555' (jt #276). Attempted to flow well on a 32/64 choke and work with WOR pulling as much as 50k over and slacking off 10' past free travel, no good. RU PS. Swivel out 5 jts to pull mill above TOL. - Adjust main drum brakes on Western Well Service Rig #5. - POOH LD tubing. A total of 202 jts have been LD. - Waiting on

HES E-Tech to come and fix the computer inside WL unit. - 22:05; HES getting lined up to Pump 30bbl/40lbs Gel and displace with 486bbls for a Total Pump Of 516bbls. 22:40; WL ready to GIH but HES Data screen is not working at moment. We have to wait until the HES TECH comes from Vernal. - 20:50: WL ready to test lube to 9500psi. HES has leak they are looking for it. 21:15 HES pressured back up but still leaking. HES found bad bleed-off valve (Changed it out and ready to test again). 21:25; WL testing again, 9400psi and its holding. (GOOD TEST) - 20:20 WL pick up Tool String (1 7/16" Cable Head x 1ft, 2" Tungsten Wt Bar x 7ft, 2.75" Tungsten Wt Bar x 7ft, 2.75" CCL x 1.42ft, 3.13" Quick-Change x 1.5ft, 2.75" Perf Gun x 3ft, 2.75" Perf Gun x 3ft, 3.13" Quick-change x 1.5ft, @.75" Baker 10 setting tool x 6ft, 3.61" Sleeve x 2ft, 3.63 Weatherford Shorty 10k Plug x 1.5ft) Total Length 34.92ft.

Daily Cost: \$0

Cumulative Cost: \$3,074,957

7/30/2013 Day: 56

Completion

WWS #5 on 7/30/2013 - RIH with WTF Shorty plug and set @ 16,241'. Fired one perf gun with perfs at 16,188'-16,190'. RD JW Wireline & Western WOR. ND WTF BOPE. NU FMC Frac Tree. Begin pressure testing. - Begin testing frac stack as per NFX testing guidelines. - HES Screen back up and running. Now WL cant get out of the Lube & Tree. They tried the to RIH but could not. Broke Lube off well and inspect. Full of grease and grit in lub. 00:50: they got computer working and ready to stop - WL RIH hole to set plug? - WL set plug at 16,241ft, there was no indication that the plug was set. Picked up CCL to 16,210'. Then we pumped down to a max pump rate of 14 bpm, pumped up in increments of 3 bpm, we were able 0 tag top of plug. When we tried to POOH we noticed we where stuck. ? Called Orson Barney for instructions. - Continue nipping up frac stack as follows. 10K 7-1/16" HCR frac valve (Already installed), 10K 7-1/16" 'Upper Master' manual frac valve, 10K 7-1/16" flowcross with dual, double 2-1/16" outlets, 10K 7-1/16" 'Crown' manual frac valve, 10K 7-1/6" Buffalo head with 4 , 4" outlets and 4-1/16" wirline union on top. - Start POOH with WL and found the CCL not working. Tools hung up at a line depth of 15,742'. Worked tools at 0# - 3,000# of line tension. We discussed surging the well with Orson Barney and before we could start surging the tools came free. POOH with WL. Bottom gun fired and top gun did not fire. Perf depth id 16,188' - 16,190'. - Rig down JW wireline. Rig down WWS workover rig. Load out 600 Jts PH-6 Workstring and send to Runners yard. Pjsm-Spot FMC. Begin nipping down Knight BOP stack. - During RU of frac assembly the flow cross slid across the BOP stand and damaged the ring gasket sealing area. Waiting on FMC to bring a replacment. Replacement arrives at 14:30 from FMC yard - When we returned to the WL truck to WL was free. Pulled Up to a CCL depth of 16,181'. Called Orson Barney to see if we could go ahead and fire perf guns at that depth. He gave us the go ahead. First gun appeared to have went off as scheduled but 2nd gun did not appear to fire.

Daily Cost: \$0

Cumulative Cost: \$3,227,475

7/31/2013 Day: 57

Completion

Rigless on 7/31/2013 - RU FMC 7 1/16" Frac stack . Test to Newfield guideline standards . RU HES frac crew set up missle & Frac lines Test lines . RU JW wire line? LOST WL Tool String In Hole - 22:40 Ready to pressure Test to 9500psi. Started testing got to 7000psi and then it is started leaking on their Quick Unions Seals. Shut down and bleed to 0psi. Fix the leaks. And try to retest. 23:25 Retest WL Lube at 9800psi for 10mins. 23:40 Bleed off Pressure and Open WH to start Flowing Well Back. WH @ 3350psi. 23:50 Start Flowing well on a 25/64" Choke @ 5bpm rate. 23:54 Flowing Well back at a Rate of 7bpm. - Installed 1002 on top of Goats Head and finished up pressure testing frac tree. NU flowback iron and shell tested all flowback iron to 9.800 psi. We found and repaired 4 leaks in flow back iron (all in manifold). - Continue RU Halliburton Frac. - Halliburton is rigged up and the day crew will tie in electronics at 5am. -

Rig up JW Wireline. Bucket test chemicals. - Pjasm-Prepare to pump frac. Drop ball. 0810am-drop ball 0820am-Pressure test wireline cap. 0830am-Begin pumping stage 14. Hold safety meeting Review JSA's w/ all parties on location .Stage Pop Off set at 8,800 Psi, Hydraulic Fracture Uteland Butte stage #14 as follows: pumped pad Break down 5400 psi. Avg rate: 35 bpm, Avg press: 6030 psi, Max rate: 36 bpm, Max press: 6410 Psi. FG. 0.434, Total 30/50 White: 93,500lbs, Avg HHP: 5114. Total load to recover 2030bbls Pressure tested to 9550 psi 2. Had couple pumps jacking during the 1.5ppg sand stage, lost a little rate briefly. Able to get back. 3. Had several fluctuations in BC-200 during job. 4. No other issues, overall good effort by crew. Able to place job completely. 5. Ran almost double the amount required of CL-31, possible bad strap but will re-bucket pump. Ball Seat Stage Pressures and Rate: 5030 psi @ 11.7 bpm , 5015 psi Pressure before Seating 5040 psi Pressure after Seating WG-36-3.3% (42.9) , BC-200-4% (4.7) , FR-66-7.3% (1.9) , CL-31-79% (25.6) Scalesorb 7-2.5% (9) , Optiflo II-4.2% (2.6) , SP Breaker-5.3% (1.8) - PJSM-rig up JW wireline lubricator and prepare for pump down/plug and perf. 1115am. Begin rih w/ Weatherford shorty plug and guns. 1145am. Tag up on liner top. Pick up. Log through liner top. Continue Rih to 12078. Immediate pressure spike. Pressure went from 5885 to 6880. Lost plug. Pumping parameters as follows- 14.7 bbls per min max rate. Max pressure before spike 5880. Max rate at spike 6880. Average line tension-965#. Average ft per min-220. - 18:40 JW Wireline truck arrived on location. Spot and start rigging up Cable Head Etc. 21:00 JW has wrong size (3 1/8?) tool string we are waiting on a new (2 ??) tool string. 21:45 New Tool String arrived. Make it up and stab lube on WH and get ready for Testing. Current Fish in Hole is as follows (String (1 7/16? Cable Head x 1ft, 2.75? Tungsten Wt Bar x 8ft, 2.75? CCL x 1.96ft, 2.75? Perf Gun x 3ft, 2.75? Perf Gun x 3ft, 2.75? x .77? EB Plug Shoot, 3.13? Quick-change x 1.5ft, 2.75? Baker 10 setting tool x 6ft, 3.60? Sleeve x 2.21ft, 3.55 Weatherford Shorty 6k Plug x 1.21ft) Total Length 29.19ft. Current Fishing String ; (1 7/16? Cable Head x 1ft, 2.75? x 1.42? CCL Probe, 2.75? Tungsten Wt Bar x 7ft, 2.75? Tungsten Wt Bar x 7ft, 2.13? x 7ft Spang Jars, 2.13? x 3ft? Jars, 3.63? x 5?ft Cut Lip Guide Over Shot with a 2 ?? Spiral Grapple and a Stop) Total Length 32.42 - Wait on fishing tools and different wireline truck with 5/16" cable on it. - POOH with wireline and inspect line.

Daily Cost: \$0

Cumulative Cost: \$3,321,479

8/1/2013 Day: 58

Completion

Rigless on 8/1/2013 - Starting Fishing for WL Tool String.attempt to fish out wireline tools. - CSI Pipe Inspection are still Drifting, Cleaning and Inspecting Work String. - Continue ND FMC 7 1/16? 10k frac stack . NU Knight 7 1/16? 10k BOP stack. B&G crane is crane service . As of 21:00 Cameron & Knight have finished Testing BOP & Flowback Line. CSI Pipe Inspection are still Drifting, Cleaning & Inspecting pipe. - shut down due to lighting storm. 1hr shut down after first strike. - Held safety meeting Reviewed JSA w/ all parties involved in ND FMC 7 1/16? 10k frac stack . NU Knight 7 1/16? 10k BOP stack. B&G crane is crane service . - 00:04 Flowback Rate @ 7.5bpm 00:07 Flowback Rate @ 5.5bpm 00:10 Flowed 100bbls back. Shut well in @ 2750psi 00:22 Pressure up to 3200psi and open well and RIH with WL Fishing Tool String. - 03:45 Make up tool string again on WL and RIH and try to latch Fish again! 04:00 WL stabbed on WH and ready to test to 9800psi. 05:15 WL RIH @ 515ft/min. Started losing WT @ 9230ft. Pick up was heavy 3277lbs but kept moving up hole. 05:25 WL picked up to 8400ft and ran back in hole at 477ft/min. Stopped at 9276ft. Pick up WT @ 2226lbs. 05:35 WL POOH - 02:30 WL OOH and ready to pull tool string out and check the Overshot for Latch Marks. 03:00 WL Tool string broken apart ad after inspection we cannot find any Marks, Markings etc. to indicate that we had ahold of the Fish. Orson is making a call to the Engineer to see what?s our plan forward. - 00:30 RIH with WL 01:06 WL RIH to 9180 and stopped because Collars were getting too far apart (50ft). When WL was POOH (normal Wt 1850-1950lbs) they started dragging/ pulling heavy @ 8460ft (2100lbs to 3300lbs). Set jars off and worked Tools free at 8380ft top of liner. - Rig down JW Wireline. Rig out FRAC crew.

Daily Cost: \$0

Cumulative Cost: \$3,361,264

8/2/2013 Day: 59

Completion

Mountain States #1409 on 8/2/2013 - Move Rig in and Rig up. - SDFN, Rig crew will finish rigging up rig in the morning. - 23:00 Rig crew done spotting equipment and support equipment. They are SDFN. Day crew will finish rigging up in morning. - 20:30 Safety meeting and review JSA. 20:45 Start spotting Rig and support Equipment - CSI Inspection; CSI still cleaning and inspecting the Work String. - Runners delivered 100 jts of 2 3/8" 5.95# PH 6 tbg . Q T casing inspection on Location to clean and drift tbg .spotted in Mountain states Pump & flat tank. - CSI Pipe Inspection is finished cleaning & drifting our work string. 103 jts 2 3/8" 5.95# PH6 16 jts no drift. 24 jts-w/pin damage. 62jts w/seal damage. We are separating and sending to Runners. - 18:00 Waiting for the Rig to arrive. 20:15 Rig arrived on location.

Daily Cost: \$0

Cumulative Cost: \$3,395,214

8/3/2013 Day: 60

Completion

Mountain States #1409 on 8/3/2013 - Rig up Workeover Rig & Snubbing Unit and starting fishing for Wireline Tools. - - Ready to start testing again. Tried testing the Pipe Rams and they wouldn't hold. We tried testing the Tubing Rams and they were leaking by. We opened them up to find both Rams had been run into with snubber and were Bent. We are currently trying to get the Ram Inserts out so we can replace and put back together to test. - Cameron is ready to start testing Mountain States BOP Stack per NFX Testing Policy. Mountains States had a leaking Door Seal on BOP. Changing it out now! - SD waiting for morning time to start rigging th Rig & Snubbing Unit up. - Hold safety meeting Review JSA . RU Pulling Unit Guy out Rig . spot in Hydra walk & pipe racks .MIRU Snubbing unit. - Waiting to rig up the Rig & Snubbing Unit. - waiting for Mountain states to bring parts for snubbing Unit. Could not replace seals in annular bag had to replace annular w/ repaired Annular for mountain states Shop in Rock springs WY.ND New 7 1/16" 5k annular bag on Snubbing unit. 20:00 Mountain States just finished putting the Annular back together and we are ready to start testing.

Daily Cost: \$0

Cumulative Cost: \$3,424,132

8/4/2013 Day: 61

Completion

Mountain States #1409 on 8/4/2013 - Rig up Mountain States Snubbing Unit and BOP.. - Snubbing crew went to start Rig back up and it will not start. It is blowing the ECM Fuses. They have called for Mechanic to come out. Mechanic should be here around 2 or 3am from Rock Springs. We are securing the Well at Moment! - 20:01 Lightening Storm came up, Shut Down until it passes. 22:00 Lightening has passed - 20:00 RIH w/ 314fts 2 3/8" 5.95# PH6 fill tbg every 1000ft . RBS fishing tools 2 3/8"reg overshot 3 1/8" x 1" ID , EXT 3 5/8 x 2 11/16" , Drain 2 3/8" reg X 3 1/16" , string Float 2 3/8"reg x1 5/16" ,jars 2 3/8"reg 3 1/8" x1" , cross over sub 2 3/8" reg to 2 3/8" PH6, 10' Pup jt 2 3/8" PH6 R nipple . current depth @ 9782?. We did not find Fish at 9220ft Continue in Hole. - Mountain States? We are still having trouble getting the Rubber inserts out of Ram Carriage. - Finishing Testing of the Snubbing BOPS as Per NFX Testing Procedure Policy. Complete. - Cameron is still testing. Mountain States having Hyd. Issues with the Annular so they are trouble shotting that problem.?? 05:15 Mountain States got all Hyd Issues fixed and straightened out. The Annular issue was that when the New Bag was placed inside it was never greased. So when it energized it was stuck and could not fully retract. They greased it, reinstalled it and function tested it. 05:20 We are finishing our Test Procedure. - PU RBS fishing tools 2 3/8" overshot 3 1/8" x 1" ID , EXT 3 5/8 x 2 11/16" , Drain 2 3/8" X 3 1/16" , string Float 2 3/8"x1 5/16" ,jars 2 3/8" 3 1/8" x1" , cross

over sub 2 3/8" reg to 2 3/8" PH6, 10' Pup jt 2 3/8" PH6. 2 7/8" x 1' R nipple . 2 3/8" 5.95 PH6 tbg to 8486' install 1- 2 3/8" x 1' R nipple. Top of liner @8486' Jt# 272 single out Rig . Continue RIH w/ 2 3/8 tbg to top of fish engage fish. 18:00: RIH w/ 269jts 2 3/8? 5.95# PH6 fill tbg every 1000ft . RBS fishing tools 2 3/8"reg overshot 3 1/8" x 1" ID , EXT 3 5/8 x 2 11/16" , Drain 2 3/8" reg X 3 1/16" , string Float 2 3/8"reg x1 5/16" ,jars 2 3/8"reg 3 1/8" x1" , cross over sub 2 3/8" reg to 2 3/8" PH6, 10' Pup jt 2 3/8" PH6 R nipple . Current depth @8333? TOL @ 8486? will single out Rig @ liner top Jt 272

Daily Cost: \$0

Cumulative Cost: \$3,452,895

8/5/2013 Day: 62

Completion

Mountain States #1409 on 8/5/2013 - Ran in hole with work string and overshot to latch fish. - Snubbing is OOH with work string, we have fish spaced out inside number 2 BOP and bumped up. Locked in BOP and start rigging down the Snubbing Basket. Then Rig up WL Lube. - POOH w/ 172jts 2 3/8? 5.95# PH6 standing back tbg . RBS fishing tools current depth @8486? pulled above liner top came back down to activate bumper sub to make sure fish is on. POOH w/ 136 Stands soft break last jt. RD Subbing unit. RU JW wireline install 10k lubricator . Cameron will test lubricator to 10k psi. - Still waiting on Mountain States Mechanic to arrive and check out why the Rig will not start. 04:00 Mechanic found bad wire on rig and changed it out. Rig seems to be running fine now. Mechanic will stay for a couple of hours to make sure unit is running properly. Snubbing Crew getting everything ready to start tripping in hole to top of Fish. - 08:30 We tagged up @ 10803? and we are pushing it down hole. RIH w/ 413fts 2 3/8? 5.95# PH6 fill tbg every 1000ft . RBS fishing tools. Current depth @ 12847?-413 jts the Fish is still moving downhole. - We are @ 9782ft w/ 314fts 2 3/8? 5.95# PH6, fill tbg every 1000ft . RBS fishing tools . Current Depth @ 9782?. We did not find Fish at 9220ft Continue in Hole. 05:30 We tagged up @ 10803? and we are pushing it down hole. RIH w/ 347fts 2 3/8? 5.95# PH6 fill tbg every 1000ft . RBS fishing tools. Current depth @ 11,147?-358jts the Fish is still moving downhole. - RIH w/ 444jts 2 3/8? 5.95# PH6 fill tbg every 1000ft . RBS fishing tools current depth @13809? Fish stopped moving and we engaged @13807 stack out 20,000 held. POOH w/ 87 stands to TOL @8486? make sure fish is on.

Daily Cost: \$0

Cumulative Cost: \$3,496,203

8/6/2013 Day: 63

Completion

Mountain States #1409 on 8/6/2013 - Finish RIH to latch onto WL Tool Stirng and POOH - 433 jts in the hole to be @13,437.59 . Down weight 30K Nuetral weight 46K Up weight 58K. Free torque is 1200 psi. Have not tagged solid yet with pwr swivel. Currently changing slip dies in rig slips. - 21:30 Currently: RIH w/ 430 jts 2 3/8? 5.95# PH6 fill tbg every 1000ft .Weatherford clean up tools 3.75?x1.47? convex bladed Mill , 3.75?x 4.77?string mill, 2.875? x 2.17 double flapper valve, w/2 3/8? PH6 threads. 1-jt 2 3/8" PH6, PH6 RN nipple . current depth @ 13344?. Got Sticky at this point so we will pick up the Swivel. - RU JW wireline install lubricator and Lube out the Fish. Lay down WL Fish. We recovered all WL Fishing Tools (Please See Attached Picture). Rigging WL out of way so we can rig Snubbing unit back up.. - Finished RU on Snubbing test. Cameron will Test unit to Newfield guideline standards. 250psi low 5000psi high. - Rigging WL out of the way and start rigging snubbing unit back up to make a Sleeve Clean up run with Bit & String Mill. - RIH w/ 200 jts 2 3/8? 5.95# PH6 fill tbg every 1000ft .Weatherford clean up tools 3.75?x1.47? convex bladed Mill , 3.75?x 4.77?string mill, 2.875? x 2.17 double flapper valve, w/2 3/8? PH6 threads. 1-jt 2 3/8" PH6, PH6 RN nipple . current depth @6220?.

Daily Cost: \$0

Cumulative Cost: \$3,571,560

8/7/2013 Day: 64

Completion

Mountain States #1409 on 8/7/2013 - Lay Down Fish and Rigging Snubbing Unit back up and RIH to clean up Sleeve with Mill & String Mill. Begin swiveling tbng out of well to tight spot. Circ bottoms up - 2120pm-Begin circulation of 3 gal sweep of polymer to clean hole and work past tight spot at 12078. Laid down tbng to jt 389 to be @12,075.40 .Pumping 3 bbls per min and a 4 gal polymer sweep. Pressure @4000 psi. Flowing on a 16/64" choke returning 3.2 bbls per min @1900 psi. 2335pm-Still circulating bottoms up sweep with polymer pill. 3.5 bbls per min @4000 psi on pump. Returning 3.5 bbls per min on 16/64" choke at 1500 psi. - Continue Swiveling in well with 3.75"x1.47" convex bladed Mill , 3.75"x 4.77"string mill, 2.875" x 2.17 double flapper valve, w/2 3/8" PH6 threads. 1-jt 2 3/8" PH6, PH6 RN Jt # 485 is in the hole to be at15,046.30 - Continue RIH w/ mill tools .Jt # 520 is in the hole to be at 16132?.Still rotating tbng in well with mill assembly. No hard tags or heavy torques recorded.Jt # 523 is in the hole to be at 16194? pumping 2.5 bbls min @4700psi flow back 2450 psi 16/64 CHK 3.0 bbls min. pumped 345 bbls w/ polymer sweeps. until got back clean fluid . Start POOH . - Swiveling out w/ tbng and 3.75 mill tools.POOH w/ 2 3/8" 5.95# PH6 tbng. Jt # 481 is in the hole to be at 14921?sleeve #20 no drag or torque. Continue POOH w/ tbng. 1900pm. Pulled jt 457 out of well to be @14,179.86 . No drag, no torque. Up weight is 73,000.

Daily Cost: \$0

Cumulative Cost: \$3,320,267

8/8/2013 Day: 65

Completion

Mountain States #1409 on 8/8/2013 - Pull tbng to balance point. Snub tbng and mill BHA out of well. Rig up wireline and pump trucks. Pump plug to 15,000 - PJSM with Vendors. Prepare for pumpdown.Rih w/ Wireline to liner top. 2100 pm. Kick pumps in and begin pump down. 9bbls per min. pressure range from 2700 to 5150 psi. Average line speed was 57 ft per min. Average line tension was 1360#. Pumped in to 15,000 at the end of the day. - Held safety meeting & reviewed JSA's w/ JW wireline & Halliburton frac crew. Test frac lines. NU 10k Lubricator. Test lubricator - Continue pumping sweep to surface. Pumped 366 bbls with pump and returned 510 bbls to flow back tank. Rig down power swivel. Change elevators. Tie rig ahead. 0120am. Continue tripping out of well with Milling bha and laying down tbng. 0150am. 350 jts plus bha left in the hole to be @10,869.20 . Have not seen any drag or over pull. 0400am. 209 jts left in the well to be @6,499.94 . Well is secured. Waiting on daylight to continue pulling over the balance point and continue snubbing out of the well. String weight is still 20K on weight indicator. - Waiting on Daylight - Held Safety meeting review JSA . Open well Started POOH w/ 2 3/8" 5.95# PH6 tbng.175 jts left in the well to be @5474? continue POOH to the balance point and continue snubbing out of the well.Finished RD Snubbing Unit. MIRU JW wire line & Halliburton pump & gel pro unit. Pump down Plug & perf tools for next stage

Daily Cost: \$0

Cumulative Cost: \$3,366,545

8/9/2013 Day: 66

Completion

Mountain States #1409 on 8/9/2013 - Rih and set plug. Perf well. Rig down wireline and pump trucks. RDMO workover rig. ND BOP stack. NU Frac stack and test. Prepare for frac of stage 17. - No activity well is secure. - Continue pump down.Ran into swell packer pumping 9 bbls per min @ 5000 psi. Line tension was 1312 and then fell to 870. Line speed was 57.4 and fell to 11.1. Work stuck plug up and down. Pumped 4 bbls per min @ 4250 psi. Continued working plug.Had a phone conversation with Orson Barney. Worked stuck plug for 10 min more. 12:40am. Made decision to set plug at stuck depth. Set plug @ 15626 corrected WLM. Pulled up to 15457. Shot top shot. Bottom shot was at 15,462 corrected wireline measurement. Pooh

W/ wireline through lateral at 120' per min. Wellhead pressure was at 3770psi. Max BBLs per min-10. Max pressure was 5150. Total Bbls pumped 1199. - Rig down Wireline. Rig out Halliburton. Rig down rig and equipment. 0500-PJSM-Spot crane and prepare to rig up. - We are finished testing FMC 7 1/16? 10k Frac stack. We are finished loading all tbgs to go to Runners yard.

Daily Cost: \$0

Cumulative Cost: \$3,474,661

8/10/2013 Day: 67

Completion

Rigless on 8/10/2013 - RD halliburton ND 7 1/16 BOP stack NU 7 1/16" frac stack test stack . Prep for frac - Well is secure no activity on location - Well is secure no activity on location. Steve with Graco picked up elevators and TIW valves.

Daily Cost: \$0

Cumulative Cost: \$3,482,201

8/11/2013 Day: 68

Completion

Rigless on 8/11/2013 - Well is secure no activity on location. Waiting for Halliburton frac crew. - Well Secure. Wait on frac. - Well Secure. Wait on frac. - strapped all 15 frac tanks need 4400bbls to be full for frac. Rock Water will ship thru lay flat line to tanks. Rock water loaded 15 frac tanks full. Halliburton spotted in Tbelt.

Daily Cost: \$0

Cumulative Cost: \$3,490,921

8/12/2013 Day: 69

Completion

Rigless on 8/12/2013 - Wait on Frac. - Well secured. All activity suspended until 6am - Well is secured. Waiting on Frac. - MIRU Frac equipment. Bucket test chemicals. Pressure test frac equipment.

Daily Cost: \$0

Cumulative Cost: \$3,520,103

8/13/2013 Day: 70

Completion

Rigless on 8/13/2013 - Fraced stage 17 and 18. Screened out. Rih set plug and perf stage 19. Screened out stage 19. Flow well back - Flowed back 480bbls. - Flowed back 650bbls. Pumped back into it shut down at 466bbls. Flowed back 519bbls. Pumped back into another 370bbls. - Pressure test wireline cap and tool trap. 9500 psi. Good test. Pump ball down 420 bbls. Saw 80 to 100 psi diff. Begin pumping pad. Stage into 1/2# stage. Started pumping 1 #. Pressured out to kickouts. Cut the screw and tried to cut and run. No success. Open well to flowback to flow back 700 bbls. 3550 on choke manifold flowing 4 bbls per min on 10/64" choke. 17:15pm-flowed back 410 bbls. Well flowing now on a 13/64" choke at 4. bbls per min. 3450 psi for well pressure. - Well is secured. - Begin Pumping frac on stage 17 and 18. Pumped ball down. Never saw ball action. Staged into 1#. Pumped it and 2# stage into casing. Saw pressure spike. Cut sand and staged flush. Pumped full flush volume plus 12 bbls. Monitored pressure. Off line pressure went from 7750 to 6175. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Used 5ppg max design prop schedule. 3. Did not see any ball action, increased rate and continued with job. 4. Had pressure increase steadily when Xlinked fluid reached bottom and continue when sand reached bottom. 5. Slowed rate down from 45bpm to 35bpm, to see if pressure would line out. Pressure continued to climb. 6. Cut Prop during the 2ppg sand stage and went to flush. 7. Able to flush well completely. Good job

by crew making adjustments during the job. Ball Seat Stage Pressures and Rate: 4735 psi @ 13.6 bpm , 4735 psi Pressure before Seating , 4735 psi Pressure after Seating LGC-36UC-2.4% (5.1) , BC-200-6.1% (3.7) , FR-66-23.5% (4.6) , CL-31-44% (7.9) Scalesorb 7-4.5% (5.3) , MX 2-2738 -33.4% (3.8) Optiflo II-6.6% (4.9) , Losurf 300D-4.8% (4.6) CLA-Web-18.1% (7.7) , MCB 8630-9.5% (2.1) - PJSM. Prepare to frac stage 17. Had to break off FMC wireline cap. Cap was leaking. Changed out O ring. Installed cap and pressure tested to 9500 psi. - Rig up wireline and pressure test lubricator to 9500 psi. Wireline BHA consists of Weatherford "Shorty" plug. 2 Perf guns 60 deg phasing and 6 shots per ft. Rih to 9000'. Begin pump in. 10 bbls per min 6700 psi. Line speed was 62ft per min. Tension on line was 1250. Pumped in to 12,000' slowed pumps to 9 bbls per min @ 5900 psi. Line speed was 37 ft per min and tension was 1350. Ran past this spot with no tag or weight change. Continued pumping in well to 15,040. Log back to 14,890. Pump back into to 15017 and set plug. Pull to 14,967 and perf both spots. Pooh with wireline.

Daily Cost: \$0

Cumulative Cost: \$3,565,964

8/14/2013 Day: 71

Completion

Rigless on 8/14/2013 - Perf and Frac stages 20 thru 23 - Pumped 520bbls at 27bpm. Moving on to stg 20 pump down with no plug per engineer. - Wireline RIH with plug and perf guns - Frac stage 23. Hold safety meeting Review JSA's w/ all parties on location. Stage # 23 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #23 as follows: pumped pad Break down 4953 psi. Avg rate: 35 bpm, Avg press:5515 psi, Max rate: 35 bpm, Max press:5670 Psi. FG. 1.025, Total 30/50 White: 115,300lbs, Tot. Avg HHP: 4,731. Total load to recover 2,567 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Pumped job at 35 bpm used 5 ppg schedule. 3. All sand placed with no pressure issues. LGC-36-3.6% (9.8) , BC-200-6.4% (6.9) , FR-66-17.9% (5.5) , CL-31-10.1% (3.2) MX 2-2738 - 7.1% (1.3) Losurf 300D-7.6% (9.5) SP Breaker-9.8% (1.1) , Optiflo H T E-9.8% (2.2) , CLA-Web-3.6% (2.2) , - Rig up wireline and prepare to pump down plug/perf. Rih to 14,053. Set plug. Perf zones from14,009 to 14,011. 2nd gunshot from14,004 to 14,006. Line tension 2000 to 1950 on plug set. Max rate for pump in was 9.1 bbls per min. Max pressure for pump in was 4630 psi. Average line speed was 118' per min. Total bbls pumped 380 for pump down. 1400-Begin Pooh w/tools and wireline. All Shots fired. All tools recovered. - Well died after flowing back 50 bbls. Started pumping into it again seen the ball re seat and walked it back up to 25bpm pumped a total of 250bbls shut down ghanded the well over to wireline. - Frac stage 22.Hold safety meeting Review JSA's w/ all parties on location .Stage # 22 Pop Off set at 9000 Psi, Hydraulic Frac Screened out on 3# sand. Flushed well bore with 226 bbls. Lack 176bbls to flush to top perf. Preparing to flow well back. Open well up to flow 10 bbls per min for 600 bbls of flowback before trying to pump into formation again. - Rig up wireline and prepare to pump down plug/perf. Rih to 14,279. Set plug. Perf zones from14,235 to 14,237. 2nd gunshot from14,230 to 14,232. Line tension 2000 to 1950 on plug set. Max rate for pump in was 9.3 bbls per min. Max pressure for pump in was 5835 psi. Average line speed was 96' per min. Total bbls pumped 473 for pump down. 1430-Begin Pooh w/tools and wireline. All Shots fired. All tools recovered. - Frac stage 21.Hold safety meeting Review JSA's w/ all parties on location .Stage # 21 Pop Off set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #20 as follows: pumped pad Break down 4825 psi. Avg rate: 35 bpm, Avg press: 5430 psi, Max rate: 35 bpm, Max press: 5685 Psi. FG. 1.203, Total 30/50 White: 86,840lbs, Tot. Avg HHP: 4685. Total load to recover 2730 bbls 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Did not see any ball action when at volume, continued on with job. 3. Lost BC-200 during the 3ppg sand stg, sucked sludge of BC from bottom of tote & plugged off LA pump. Extended 3ppg sand. Could not get LA cleaned up & back up pump wouldn't line out, cut prop and went to flush. 4. Had pressure come up on flush but were able to flush completely. 5. Placed 86,840lbs or 75.5% of designed volume on formation. Ball Seat Stage Pressures and Rate: 4480 psi @ 14.6 bpm , 4480 psi Pressure before Seating , 4480 psi Pressure after Seating BC-200-37.5% (36) , FR-66-10% (2.9) , CL-31-11.4% (3.2) MX 2-

2738 -16.3% (2.8) Optiflo II-2.6% (2.5), Losurf 300D-8.6% (10.3) SP Breaker-16.4% (1.4), Optiflo H T E-16.4% (2.8), CLA-Web-17% (10.2), - Rig up wireline and prepare to pump down plug/perf. Rih to 14,548. Set plug. Perf zones from 14,505 to 14,503. 2nd gun shot from 14,500 to 14,498. Line tension 2000 to 1750 on plug set. Max rate for pump in was 9.3 bbls per min. Max pressure for pump in was 4310 spi. Average line speed was 100' per min. Total bbls pumped 481 for pump down. 0940am-Pooh with wireline and tools.(NOTE) KNIGHTOIL TOOLS BOP STACK AND CLOSING UNIT HAS BEEN SENT BACK TO VERNAL FOR INSPECTION. WESTERN WELL SERVICE HAULED THE CLOSING UNIT, THE BAG, AND THE SPACER SPOOL. ZUBIATE HAULED THE BOP SKID WITH THE FLOWCROSS AND SINGLE BOP AND THE DOUBLE BOP WITH THE BLIND SHEAR RAMS. - Frac stage 20. Hold safety meeting Review JSA's w/ all parties on location. Stage # 20 Pop Off set at 9000 Psi, Hydraulic Fracture Ute land Butte stage #20 as follows: pumped pad Break down 4470 psi. Avg rate: 36 bpm, Avg press: 5325 psi, Max rate: 36 bpm, Max press: 5815 Psi. FG. 0.415, Total 30/50 White: 115,200lbs, Tot. Avg HHP: 4646. Total load to recover 3419 bbls 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Did not set plug between stg 19 & 20, stage 19 perfs included in report. 3. Job pumped at 35bpm and used 5ppg design, treated much lower than previous stage. 4. Able to place job completely with no significant pressure increases. Overall good job by crew. WG-36-5.8% (14.4), BC-200-8.9% (9.4), FR-66-10.4% (4.2), CL-31-12.7% (4) Scalesorb 7-4.5% (9.9), Optiflo II-2.8% (3.5), Losurf 300D-4.5% (6.4) SP Breaker-9.3% (1), Optiflo H T E-9.3% (2.1), CLA-Web-4.5% (3.2), MCB 8630-4.5% (1.3) - PU Perf gun at 01:50. Pumped down perf gun at 11.2bpm at 5650psi. Line tension was at 1050 at 53.4 ft/per min. Total vol. was 1215.9bbls. Shot perfs at 14,733-14,731 and 14,728-14,726. J-W Wireline POOH. Wireline OOH at 0610am. All shots fired. All tools recovered.

Daily Cost: \$0

Cumulative Cost: \$3,845,279

8/15/2013 Day: 72

Completion

Rigless on 8/15/2013 - Perf and Frac stages 23-24-25-26-27-28-29 - Pressure test and begin pumping stage 27-Pressure test. Prepare to frac stage 27.-Hold safety meeting Review JSA's w/ all parties on location. Stage # 27 Global kickouts are set at 9000 Psi, Hydraulic Fracture Ute land Butte stage #27 as follows: pumped pad Break down 4655 psi. Avg rate: 35 bpm, Avg press: 5290 psi, Max rate: 36 bpm, Max press: 6475 Psi. FG. 0.982, Total 30/50 White: 115,100lbs, Tot. Avg HHP: 4,512. Total load to recover 2,528 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Lost pump briefly during the 4.0ppg sand stage, able to get back. 3. Trouble lining out the Optiflo Dry Add in the 2.0ppg sand stg, screw started binding up. Able to get lined out. 4. No other issues, overall good job by crew. Able to place job completely. Ball Seat Stage Pressures and Rate: 4665 psi @ 13.7 bpm , 4635 psi Pressure before Seating , 4655 psi Pressure after Seating LGC-36-8.6% (24.2), BC-200-7.8% (8.5), FR-66-5.6% (1.2), CL-31-6% (1.9) Optiflo II-6.8% (5.8), Losurf 300D-10.9% (12.3) Optiflo H T E-14% (3.1), CLA-Web-8.3% (4.7), MCB 8630-6.5% (1.5) - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns. Pump plug in from liner top to 13,051. Max rate was 10.4bbls per min. Max pressure was 4460psi. Line tension 1220. 125'per min. Set plug at 13051. Line tension to set plug 1915 to 1674. Pull up and perf well @ 13,006 to 13,008 and 2nd gun @ 13,001 to 13,003. Total bbls pumped for pump down-281. 1355pm-Begin pooh with wireline and tools. - Pressure test. Prepare to frac stage 26.-Hold safety meeting Review JSA's w/ all parties on location. Stage # 26 Global kickouts are set at 9000 Psi, Hydraulic Fracture Ute land Butte stage #26 as follows: pumped pad Break down 4030 psi. Avg rate: 35 bpm, Avg press: 5145 psi, Max rate: 35 bpm, Max press: 5820 Psi. FG. 0.981, Total 30/50 White: 115,100lbs, Tot. Avg HHP: 4,363. Total load to recover 2,631 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Good job with no problems, able to place job completely. Ball Seat Stage Pressures and Rate: 4680 psi @ 13.6 bpm , 4620 psi Pressure before Seating , 4550 psi Pressure after Seating LGC-36-4% (11.4), BC-200-11.4% (12.3), CL-31-10.5% (3.3) MX 2-2738 -20.7% (3.4) Optiflo II-7.3% (6.5), Losurf 300D-5% (6) Optiflo H T E-9% (2), MCB 8630-5% (1.2) - Rig up wireline. Test lube to 9500. Rih w/ Plug

and perf guns. Pump plug in from liner top to 13,281. Max rate was-10.3bbls per min. Max pressure was 5055psi. Line tension 1080. 125'per min. Set plug at 13281. Line tension to set plug 1933 to 1620. Pull up and perf well @ 13,236 to 13,238 and 2nd gun @ 13,231 to 13,233. Total bbls pumped for pump down-331. 10:05am-Pooh with wireline and tools. - Pressure test and prepare to frac stage 25- Hold safety meeting Review JSA's w/ all parties on location. Stage # 25 Global kickouts are set at 9500 Psi, Hydraulic Fracture Uteland Butte stage #25 as follows: pumped pad Break down 4720 psi. Avg rate: 31 bpm, Avg press:5965 psi, Max rate: 36 bpm, Max press:8540 Psi. FG. 0.998, Total 30/50 White: 115,200lbs, Tot. Avg HHP: 4,474. Total load to recover 2,697 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Saw ball seat approx 100bbls early from calculated WBV. 3. Had pressure increase when Xlink pad and 0.5ppg sand reached bottom, cut sand and reduced rate to 29bpm. 4. Pressure rolled over after reducing rate, turn screws back on. Pressure increase when 1.0ppg hit bottom, cut screws 2nd time. Pressure leveled out, turned screws back on and continued with job at 29bpm. 5. Good job by crew making adjustments during job, able to place job completely. Ball Seat Stage Pressures and Rate: 4720 psi @ 14.6 bpm , 4550 psi Pressure before Seating , 4720 psi Pressure after Seating BC-200-5.9% (6.4) , FR-66-24.2% (5.9) , CL-31-6% (1.9) Scalesorb 7-9.8% (23.3) , MX 2-2738 -23.6% (4) Optiflo II-9.7% (8.8) , Losurf 300D-4.4% (5.2) SP Breaker-9.6% (1.1) , Optiflo H T E-9.6% (2.1) , CLA-Web-6.5% (3.9) , MCB 8630-16.5% (4) - Rig up wireline and prepare to pump down plug/perf. Rih to 13,775. Set plug. Things got a little sticky fired first set of perfs and it freed up. Perf zones from 13,732 to 13,734. 2nd gunshot from 13,727 to 13,729. Line tension 1900 on plug set. Max rate for pump in was 9 bbls per min. Max pressure for pump in was 4,477 psi. Average line speed was 108.3' per min. Total bbls pumped 412 for pump down. 1700-Begin Pooh w/tools and wireline. All Shots fired. All tools recovered. - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns. Pump plug in from liner top to 12,532. Max rate was 9.4bbls per min. Max pressure was 4,870psi. Line tension 1157. 108'per min. Set plug at 12,532. Line tension to set plug 1575. Pull up and perf well @ 12,506 to 12,509 and 2nd gun @ 12,501 to 12,503. Total bbls pumped for pump down-306 1678pm-Pooh with wireline and tools. - Pressure test and begin pumping stage 28-Pressure test. Prepare to frac stage 28.- Hold safety meeting Review JSA's w/ all parties on location. Stage # 28 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #28 as follows: pumped pad Broke back at 4781psi. Avg rate: 35 bpm, Avg press:5,413 psi, Max rate: 35 bpm, Max press:5,699Psi. ISDP 5,169 FG. 1.029, Total 30/50 White: 115,100lbs, Tot. Avg HHP: 4,644. Total load to recover 2,111 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. Pressure climbed during slickwater pad then rolled back over. 4. Start of 5 ppg sand mover over heated and shut-off. Swapped to the other mover going and finished the job. 5. Stage treated good with no pressure issues. LGC-36-9.6% (24.6) , BC-200-10.6% (11.5) , FR-66-27.6% (5.6) , CL-31-37.3% (11.9) Scalesorb 7-4.7% (11.2) , MX 2-2738 -8.3% (1.3) Optiflo II-9.5% (7.8) , Losurf 300D-4.4% (4.6) SP Breaker-10.7% (1.2) , Optiflo H T E-10.7% (2.4) , CLA-Web-14.7% (7.7) , MCB 8630-5.2% (1.1) - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns. Pump plug in from liner top to 12,824. Max rate was-10.1bbls per min. Max pressure was 4500psi. Line tension 1150. 125'per min. Set plug at 12,824. Line tension to set plug 1931 to 1712. Pull up and perf well @ 12,780 to 12,782 and 2nd gun @ 12,775 to 12,777. Total bbls pumped for pump down-182 1730pm-Pooh with wireline and tools. - Wireline reheaded during the frac. Picking up the guns at 04:30. Rih w/ plug and perf. Set plug @ 13,541. Average line speed-107.4. Tension for setting plug 2210 to 1780. Max rate 9.7. Max pressure 4443 psi. Total bbls pumped 413. Perfed from 13,500 to 13,502. 2nd gun from 13,495 to 13,497. 0600am- Pooh w/ tools and wireline. - Frac stage 24. Hold safety meeting Review JSA's w/ all parties on location. Stage # 24 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #24 as follows: pumped pad Break down 4953 psi. Avg rate: 35 bpm, Avg press:5515 psi, Max rate: 35 bpm, Max press:5670 Psi. FG. 1.025, Total 30/50 White: 115,300lbs, Tot. Avg HHP: 4,731. Total load to recover 2,567 bbls. - started frac on stg 29

Daily Cost: \$0

Cumulative Cost: \$4,316,508

8/16/2013 Day: 73

Completion

Rigless on 8/16/2013 - Perf and Frac stages 30,31,32,33,34,35 - Pressure test Prepare to frac stage 35. Hold safety meeting Review JSA's w/ all parties on location. Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #35 as follows: pumped pad Break down 4,464 psi. Avg rate: 36 bpm, Avg press:4,875 psi, Max rate: 36 bpm, Max press:5,701 Psi. ISDP-4,691 FG. 0.976, Total 30/50 White: 115,400lbs, Tot. Avg HHP: 4,242. Total load to recover2,030bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. Wrong valves swapped during flush causing the Hydro to get sucked dry. Able to get fluid to the blender and finished flush. 4. Job treated good. LGC-36-5.3% (14.1), BC-200-6.2% (6.7), CL-31-17.7% (4.5) BA-40-8.8% (4.2), Scalesorb 7-3.6% (7.9), Optiflo II-10% (6.2), Losurf 300D-4.4% (4.4) - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 35. Pump plug in from liner top to 11,312. Max rate was 9.3bbls per min. Max pressure was 4,400 psi. Line tension 1,150. 120'per min. Set plug at 11,078. Line tension to set plug 1453. Pull up and perf well @ 11,033 to 11.035 and 2nd gun @ 11,028 to 11,030. Total bbls pumped for pump down-147.4. 1,580pm.-Pooh w/ wireline tools and wireline. - Pressure test Prepare to frac stage 34. Hold safety meeting Review JSA's w/ all parties on location. Placed the ball and had to shut down do to gel issues. Got started back up at 19:31. Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #34 as follows: pumped pad Break down 4,470 psi. Avg rate: 35 bpm, Avg press:4,996 psi, Max rate: 35 bpm, Max press:5,959 Psi. ISDP-5,089 FG. 1.022, Total 30/50 White: 115,300lbs, Tot. Avg HHP: 4,323. Total load to recover2,397bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. Had Suction pump on GelPro plugged off, shutdown for 1 hour 25 mins. 4. Started pumping again at 19:30. 5. Stage treated good. LGC-36-2.6% (7.1), BC-200-13.9% (15), CL-31-21.3% (5.4) BA-40-5% (2.4), Scalesorb 7-3.2% (7), MX 2-2738 -13.6% (2.4) Optiflo II-3.6% (2.3), Losurf 300D-4.9% (5.7) SP Breaker-9.1% (1.3), Optiflo H T E-9.1% (3), CLA-Web-30.8% (17.8), MCB 8630-8.1% (1.9) - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 34. Pump plug in from liner top to 11,312. Max rate was 9.3bbls per min. Max pressure was 4,525 psi. Line tension 1254. 125'per min. Set plug at 11,312. Line tension to set plug 1555 to 1405. Pull up and perf well @ 11,262 to 11.264 and 2nd gun @ 11,267 to 11,269. Total bbls pumped for pump down-116 1650pm.-Pooh w/ wireline tools and wireline. - Frac stage 33-Frac stage 33-Pressure test and begin pumping stage 33-Pressure test. Prepare to frac stage 33.-Hold safety meeting Review JSA's w/ all parties on location. Stage # 33 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #33 as follows: pumped pad Break down 4550 psi. Avg rate: 34 bpm, Avg press:5085 psi, Max rate: 35 bpm, Max press:5935 Psi. ISDP-4685 FG. 0.975, Total 30/50 White: 115,100lbs, Tot. Avg HHP: 4,238. Total load to recover 2,329 bbls 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. No FR-66 used on job. 3. Lost pump in the 1.0ppg sand stage, died twice - alternator, made rate up with rest of pumps. 4. No other issues, overall good job by crew. Ball Seat Stage Pressures and Rate: 4565 psi @ 13.8 bpm , 4530 psi Pressure before Seating , 4565 psi Pressure after Seating LGC-36-5.5% (15.3), BC-200-6% (6.5), BA-40-4.5% (2.1), Optiflo II-11.4% (7.2), Losurf 300D-6% (6.2) Optiflo H T E-14.1% (3.1), CLA-Web-6% (3.1), - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 33. Pump plug in from liner top to 11,581. Max rate was 9.2bbls per min. Max pressure was 4,300 psi. Line tension 1385. 125'per min. Set plug at 11,581. Line tension to set plug 1570 to 1458. Pull up and perf well @ 11,537 to 11.539 and 2nd gun @ 11,532 to 11,534. Total bbls pumped for pump down-127. 1300pm-Pull out of the hole with Wireline and tools. - Pressure test and begin pumping stage 29-Pressure test. Prepare to frac stage 29.-Hold safety meeting Review JSA's w/ all parties on location. Stage # 29 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #29 as follows: pumped pad Break down 4588 psi. Avg rate: 36 bpm, Avg press:5190 psi, Max rate: 36 bpm, Max press:5457 Psi. ISDP-4710 FG. 0.976, Total 30/50 White: 114500lbs, Tot. Avg HHP: 4,529. Total load to recover 2,228 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3.

Pressure came up during slickwater pad then rolled over. 4. Had to pump BA-40 to get a good Xlink. 5. Stage treated good. LGC-36-10.2% (26), FR-66-8.4% (1.9), CL-31-5.5% (1.8) Scalesorb 7-2.2% (4.9), Optiflo II-3.1% (2.7), Losurf 300D-14.3% (15.7) SP Breaker-9.4% (1), Optiflo H T E-9.4% (2.1), CLA-Web-18.9% (10.3), MCB 8630-17.7% (3.9) - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 32. Pump plug in from liner top to 11,809. Max rate was 9.4bbls per min. Max pressure was 4,382psi. Line tension 1180. 119'per min. Set plug at 11,809. Line tension to set plug 1611 to 1497. Pull up and perf well @ 11,764 to 11.766 and 2nd gun @ 11,759 to 11,762. Total bbls pumped for pump down-191.4 0945am- Pooh with wireline tools and wireline - Frac stage 31-Pressure test and begin pumping stage 31-Pressure test. Prepare to frac stage 31.-Hold safety meeting Review JSA's w/ all parties on location. Stage # 31 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #31 as follows: pumped pad Break down 4570 psi. Avg rate: 34 bpm, Avg press:5000 psi, Max rate: 34 bpm, Max press:5255 Psi. ISDP-4790 FG. 0.987, Total 30/50 White: 115,200lbs, Tot. Avg HHP: 4,154. Total load to recover 2,444 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. Problems with tub fill valve, bad sensor, ran fill valve in manual during job. Caused some fluctuations in prop conc during job. 4. Had low Xlink pH, 8.8, in the 1.0ppg sand stg. Increased BA-40L from 0.55 to 0.65gpt, pH increased to 9.2. 5. Had a couple dips in prop conc, hopper got low when swapping compartments, at start of 4.0ppg & 5.0ppg sand stages. 6. Good job by crew working through issues, able to place job completely. Ball Seat Stage Pressures and Rate: 4600 psi @ 13.8 bpm , 4555 psi Pressure before Seating 4605 psi Pressure after Seating LGC-36-6.1% (16.2), BC-200-3.1% (3.4), BA-40-11.5% (4.5), MX 2-2738 -29.9% (4.6) Losurf 300D-8.1% (8.3) SP Breaker-9.7% (1.1), Optiflo H T E-9.7% (2.1), CLA-Web-16.9% (8.7), MCB 8630-21.8% (4.5) - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 31. Pump plug in from liner top to 12,090. Max rate was 9.3bbls per min. Max pressure was 4,400psi. Line tension 1130. 120'per min. Set plug at 12,090. Line tension to set plug 1547 to 1380. Pull up and perf well @ 12,045 to 12,047 and 2nd gun @ 12,040 to 12,042. Total bbls pumped for pump down-156 0600am-Pooh with wireline and tools. - Pressure test and begin pumping stage 30-Pressure test. Prepare to frac stage 30.-Hold safety meeting Review JSA's w/ all parties on location. Stage # 30 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #30 as follows: pumped pad Break down 4570 psi. Avg rate: 36 bpm, Avg press:5187 psi, Max rate: 36 bpm, Max press:5478 Psi. ISDP-4687 FG. 0.974, Total 30/50 White: 115,200lbs, Tot. Avg HHP: 4,539. Total load to recover 2,560 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. Pumped BA-40 to get a good Xlink with the conditioned water. 4. Stage treated good. LGC-36-2.5% (6.5), BC-200-6.4% (7), FR-66-7.8% (1.7), Losurf 300D-7% (7.5) SP Breaker-10.2% (1.1), Optiflo H T E-10.2% (2.3), CLA-Web-6% (3.2), MCB 8630-16.3% (3.5) - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns. Pump plug in from liner top to 12,319. Max rate was 9.2bbls per min. Max pressure was 4,559psi. Line tension 1150. 100'per min. Set plug at 12,319. Line tension to set plug 1500. Pull up and perf well @ 12,274 to 12,276 and 2nd gun @ 12,269 to 12,271. Total bbls pumped for pump down-277.4 1625pm-Pooh with wireline and tools. - Frac stage 32-Frac stage 32-Pressure test and begin pumping stage 32-Pressure test. Prepare to frac stage 32.-Hold safety meeting Review JSA's w/ all parties on location. Stage # 32 Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #32 as follows: pumped pad Break down 4550 psi. Avg rate: 35 bpm, Avg press:5160 psi, Max rate: 35 bpm, Max press:6160 Psi. ISDP-4695 FG. 0.976, Total 30/50 White: 115,100lbs, Tot. Avg HHP: 4,389. Total load to recover 2,392 bbls 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water, did not run FR-66. Increased BA-40L to 0.75gpt for job. 3. Good job with no problems, able to place job completely. LGC-36-8.8% (25.6), BC-200-5.5% (5.9), CL-31-5.2% (1.3) BA-40-14.3% (6.9), Optiflo II-13.6% (8.7), Losurf 300D-8.3% (9) SP Breaker-29.1% (4.1), Optiflo H T E-38.2% (8.3), CLA-Web-6.4% (3.5), MCB 8630-8.3% (1.8)

Daily Cost: \$0

Cumulative Cost: \$4,864,015

8/17/2013 Day: 74

Completion

Rigless on 8/17/2013 - frac stages 36-40 and the RD frac and wireline, Set two kill plugs, ND frac stack. - Put hanger and a TWCV in the well. Start NU with FMC 7 1/16th 10k HCR valve, NU Knight 7 1/16th 10k BOP with Blind shear rams, then 2 3/8th pipes, flowcross with dual double valve 2 1/16th outlets, then a single 2 3/8th pipe ram and then the annular. Then test the BOP stack to Newfield testing procedures. - ND FMC 7 1/16th 10k Frac stack and HCR. - Rig up wireline. Test lube to 9500. Rih w/ Kill plug #2. Set 2nd kill plug in 2nd jt below liner hanger @8,560 ft. Line tension before set was 1846. After set-1615. Pulled up 20ft. Ran back in and tagged plug. Pooh w/ wireline and RD wireline and frac. - Rig up wireline. Test lube to 9500. Rih w/ Kill plug #1. Set 1st kill plug in 3rd jt below liner hanger @8600 ft. Line tension before set was 1846. After set-1615. Pulled up 20ft. Ran back in and tagged plug. Pooh w/ wireline. Open well on 10/64" choke with 4100 psi on well. Well bled down in 5min. Pooh with wireline tools and make up 2nd plug. Rih w/ 2nd kill plug to middle of 2nd jt @ 8560 - Pressure test Prepare to frac stage 40. Hold safety meeting Review JSA's w/ all parties on location. Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #40 as follows: pumped pad Break down N/A psi. Avg rate: 32 bpm, Avg press:4,720 psi, Max rate: 35 bpm, Max press:5,390 Psi. ISDP-5,000 FG. 1.010, Total 30/50 White: 133,600lbs, Tot. Avg HHP: 3,725. Total load to recover2,101 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with fresh water. 3. During the 1.0ppg sand stage IFS froze up but able to get rebooted and get back during the 3ppg sand stg, lost ~15min of data. 4. Had some pumps jacking, lined rate out at 32bpm. 5. Pressures looked good through job, were able to place additional prop left over from cutting stg 39 short. 6. Good job by crew working through issues. LGC-36-2.5% (6.8), BC-200-3.9% (4.4), CL-31-18.9% (6.4) Optiflo II-7.1% (6), Losurf 300D-8.2% (8.4) SP Breaker-12.1% (2.8), Optiflo H T E-7.1% (3.6), CLA-Web-2.3% (1.2), - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 38. Pump plug in from liner top to 10,345. Max rate was 10.2bbls per min. Max pressure was 5393 psi. Line tension 1,327. 125'per min. Set plug at 10,345. Line tension to set plug 1,440. Pull up and perf well @ 10,300 to 10,302 and 2nd gun @ 10,295 to 10,297. Total bbls pumped for pump down-76. LT to POOH was 1,750. 0710am- Pooh w/ wireline tools and wireline. - Pressure test Prepare to frac stage 38. Hold safety meeting Review JSA's w/ all parties on location. Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #38 as follows: pumped pad Break down 4,374 psi. Avg rate: 35 bpm, Avg press:4,895 psi, Max rate: 35 bpm, Max press:5,665 Psi. ISDP-5,020 FG. 1.014, Total 30/50 White: 115,100lbs, Tot. Avg HHP: 4,236. Total load to recover2,230 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. Had problems with BC-200 during the 1.0ppg sand stg LA-2 wouldn't line out. Swapped LA pumps. 4. No other issues, able to place job completely. LGC-36-6.5% (18.6), BC-200-7.9% (8.6), BA-40-6.1% (2.9), Optiflo II-9.8% (8.2), Losurf 300D-5.6% (5.7) Optiflo H T E-10.3% (4.6), CLA-Web-6.6% (3.3), - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 37. Pump plug in from liner top to 10,571. Max rate was 9.4bbls per min. Max pressure was 4,482 psi. Line tension 1,250. 125'per min. Set plug at 10,571. Line tension to set plug 1,442. Pull up and perf well @ 10,527 to 10,529 and 2nd gun @ 10,522 to 10,524. Total bbls pumped for pump down-96.2. LT to POOH was 1,750. Pooh w/ wireline tools and wireline. - Pressure test Prepare to frac stage 36. Hold safety meeting Review JSA's w/ all parties on location. Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #36 as follows: pumped pad Break down 4,374 psi. Avg rate: 35 bpm, Avg press:4,898 psi, Max rate: 35 bpm, Max press:5,691 Psi. ISDP-4,652 FG. 0.971, Total 30/50 White: 115,000lbs, Tot. Avg HHP: 4,238. Total load to recover2,001bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. During 5 ppg sand the blender screen went out then came right back. 4. Stage treated good. LGC-36-2.4% (6), BC-200-11.2% (12.1), CL-31-5.5% (1.4) BA-40-15.5% (7.4), Scalesorb 7-3% (6.5), MX 2-2738 -14.8% (2.2) Optiflo II-3.7% (2.3), Losurf 300D-6.4% (6.3) CLA-Web-11.4% (5.6), - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 36. Pump plug in from liner top to 10,843. Max rate was 9.6bbls per min. Max pressure was 4,534 psi. Line tension

1,150. 120'per min. Set plug at 10,843. Line tension to set plug 1,509. Pull up and perf well @ 10,798 to 10,800 and 2nd gun @ 10,793 to 10,795. Total bbls pumped for pump down-129.6. LT to POOH was 1,648. Pooh w/ wireline tools and wireline. - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 40. Pump plug in from liner top to 9,878. Max rate was 10.7 bbls per min. Max pressure was 8123 psi. Line tension 1,053. 40 ft'per min. Set plug at 9,878. Line tension to set plug 1,364. Pull up and perf well @ 9834 to 9836 and 2nd gun @ 9829 to 9831. Total bbls pumped for pump down-147. LT to POOH was 1,525. 1321pm-Pooh w/wireline and tools. - Pressure test Prepare to frac stage 39. Hold safety meeting Review JSA's w/ all parties on location. Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #39 as follows: pumped pad Break down 5020 psi. Avg rate: 34 bpm, Avg press:5,295 psi, Max rate: 35 bpm, Max press:5,650 Psi. ISDP-7610 FG. 1.310, Total 30/50 White: 101,800lbs, Tot. Avg HHP: 4,413. Total load to recover2,204 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with fresh water. 3. Had steady pressure increase with 2.0ppg sand on bottom, reduce rate to 32bpm. Pressure stablized. 4. Held 4ppg sand at blend to watch 3.ppg on formation. Saw slope change with 3.0ppg on bottom, cut sand and went to flush. 5. Pressure came up through out flush, but were able to flush completely. 6. Placed 101,800lbs on formation or 88,.5% of designed volume. Ball Seat Stage Pressures and Rate: 4580 psi @ 13.6 bpm , 4525 psi Pressure before Seating , 4585 psi Pressure after Seating LGC-36-7.1% (19.9) , MX 2-2738 -8% (1.1) Optiflo II-3.8% (3.3) , SP Breaker-13.7% (2.4) , Optiflo H T E-7.5% (2.9) , CLA-Web-7.5% (3.7) , - Rig up wireline. Test lube to 9500. Rih w/ Plug and perf guns for stg 39. Pump plug in from liner top to 10,153. Max rate was 9.3 bbls per min. Max pressure was 4706 psi. Line tension 1,218. 125'per min. Set plug at 10,153. Line tension to set plug 1,500. Pull up and perf well @ 10,108 to 10,110 and 2nd gun @ 10,103 to 10,105. Total bbls pumped for pump down-52. LT to POOH was 1,750 1010am-Pooh w/ wireline and tools. - Pressure test Prepare to frac stage 37. Hold safety meeting Review JSA's w/ all parties on location. Global kickouts are set at 9000 Psi, Hydraulic Fracture Uteland Butte stage #37 as follows: pumped pad Break down 4,654 psi. Avg rate: 35 bpm, Avg press:5,039 psi, Max rate: 35 bpm, Max press:5,670 Psi. ISDP-5,149 FG. 1.029, Total 30/50 White: 115,100lbs, Tot. Avg HHP: 4,335. Total load to recover2,317 bbls. 1. Global Kick Outs set at 9000 psi. Pressure tested to 9500 psi. 2. Job pumped with conditioned produced water. 3. Stage treated good. LGC-36-3.1% (9) , BC-200-3.9% (4.2) , CL-31-16.7% (4.3) BA-40-3.8% (1.8) , MX 2-2738 -6.8% (1.3) Optiflo II-5.1% (3.2) , Losurf 300D-5.5% (5.8) Optiflo H T E-5.6% (1.9) , CLA-Web-5.5% (2.9) ,

Daily Cost: \$0

Cumulative Cost: \$5,333,319

8/18/2013 Day: 75

Completion

Nabors #1460 on 8/18/2013 - NU BOP stack, RU WOR, PU BHA RIH, - is Tallying 2 3/8th PH-6 workstring right now. QT still cleaning and drifting the workstring. As soon as we get done tallying the pipe we will make up the BHA. BHA will be bit 3 3/4th 4 blade stabilized mill, bit sub, double flapper check valve, tbg crossover, one joint 2 3/8th PH-6, RN nipple and then 2 3/8th PH-6 until we have enough pipe to keep the R nipple in the vertical. How many joints that will be will be determined later by the pipe tally.. - Put hanger and a TWCV in the well. Start NU with FMC 7 1/16th 10k HCR valve, NU Knight 7 1/16th 10k BOP with Blind shear rams, then 2 3/8th pipes, flowcross with dual double valve 2 1/16th outlets, then a single 2 3/8th pipe ram and then the annular. Then test the BOP stack to Newfield testing procedures. - MIRU Neighbors workover rig. Spot Hydrowalk, and pipe racks. Unload tbng. Clean and drift tbng.

Daily Cost: \$0

Cumulative Cost: \$5,376,882

8/19/2013 Day: 76

Completion

Nabors #1460 on 8/19/2013 - Pick up tbng off racks. Drill both kill plugs. Begin drilling frac plugs stages 40-37 - While RIH we messed up the saver sub and the box end on jt 343. Switched out jts and saver sub and went back to work. @ 22:30. Pumped a bottoms up here went back to work @00:00.. - RIH with 9 jts to tag up at 10153?- 18? out on jt 328 which is the 2nd frac plug @18:57. Pump psi 4400, pump rate 2bpm, WH psi 3200on a 22/64 choke @ 3bpm returns, Free torque 1900, Drill torque 2850, Weight on bit 12,000, drilled plug in 8min., Up weight 38,000, Down weight 27,000, Neutral weight 32,000. Stg 39 frac plug. RIH with 6 jts to tag up at 10345?- 14? out on jt 334 which is the 3rd frac plug @ 19:57. Pump psi 4300, pump rate 2bpm, WH psi 3300 on a 19/64 choke @ 3.2bpm returns, Free torque 1700, Drill torque 2600, Weight on bit 12,000, drilled plug in 3min., Up weight 36,000, Down weight 28,000, Neutral weight 32,000. Stg 38 frac plug. RIH with 6 jts to tag up at 10345?- 14? out on jt 334 which is the 3rd frac plug @ 21:08. Pump psi 4600, pump rate 2bpm, WH psi 3250 on a 19/64 choke @ 3.5bpm returns, Free torque 2000, Drill torque 2700, Weight on bit 11,000, drilled plug in 5min., Up weight 48,000, Down weight 31,000, Neutral weight 32,000. Stg 37 frac plug. - Rig up power swivel. We are swiveled up and tagged up at 9878?- 15? in on jt319. Pump psi 4500, pump rate 2bpm, WH psi 3200on a 14/64 choke @ 3bpm returns, Free torque 1900, Drill torque 22-2300, Weight on bit 12,000, drilled plug in 6min., Up weight 38,000, Down weight 21,000, Neutral weight 32,000. Stg 40 frac plug. - Continue rih w/ pwr swivel. 1550pm-280 jts in the hole to be@8692'. Rig down power swivel and trip tbng in well to 40 stage frac plug. - Continue to PU 2 /38th PH-6 workstring. QT is done cleaning and drifting at 00:30. - 50' above liner top. Tie rig back and continue tripping in well to Liner top. Tagged at 8468. worked down through liner top. 1100am-rig up power swivel - moving and tallying tbg. Filled the 206jts in the hole and pumped a total of 25bbls. - PU 2 3/8th PH-6 workstring 206jts tallied and in the hole at 5:00am. - Tag up on 1st kill plug @ 8555 tbng measurement. Set 1000 psi on bag. Started pumping 3 bbls per min @ 3000 psi. Choke manifold was set on 32/64" choke holding 1000 psi back pressure on well. Making 4 bbls back through manifold. Tokk 30 min to drill up 1st kill plug. Up weightwas60,k nuetral weight was 55000. Down weight was 50000. 10K on bit. Circulated 2 gal polymer sweep to surface. Total bbls-92 1322pm-Tagged up on 2nd kill plug @ 8605 tbng measurement.jt#-278. Began pumping 3bbls per min @ 3000 psi. Choke manifold was set on 20/64" choke holding 2000 psi back pressure and flowing back 3 bbls per min.1402pm- Drilled up plug. Well flowing on 23/64" choke 3bbls per min @ 3500 psi. Up weight was- 33k. Dwn-27K NU weight was-29K. Pump is at 2 bbls per min @ 4500 psi. Circulate polymer sweep to surface. Total bbls pumped for plug #2=214

Daily Cost: \$0

Cumulative Cost: \$5,404,541

8/20/2013 Day: 77

Completion

Nabors #1460 on 8/20/2013 - Drillout frac plugs 36-20 - Waiting on the weatherford pump to get fixed. Pump is fixed and we are firing it up and getting ready to start RIH drilling out plugs again. - RIH with 8 jts. Was were supposed to tag up on jt 461. We didn?t see any plug until the next plug at jt 469. RIH with 8 more jts to tag up at 14,536?- 10? out on jt 469 which is the 20th frac plug @ 20:05. Pump psi 4900, pump rate 2bpm, WH psi 3200 on a 20/64 choke @ 3.6bpm returns, Free torque 1800, Drill torque 2400, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 10min. The Rig operator and plug hand said it felt like they drilled through two plugs at this spot. , Up weight 30,000, Down weight 32,000, Neutral weight 32,000. Stg 20 frac plug. Picked up two more joints after the FR got to location and then blew a hydraulic hose on the weatherford pump. We are currently pumping with the rig pump at 1.2bpm @ 4100psi. - RIH with 8jts to tag up at 13,775?- 2? out on jt 445 which is the 17th frac plug @ 14:14. Pump psi 4800, pump rate 2bpm, WH psi 3150 on a 19/64 choke @ 3bpm returns, Free torque 1800, Drill torque 2800, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 7min., Up weight 36,000, Down weight 31,000, Neutral weight 32,000. Stg 23 frac plug. RIH with 8jts to tag up at 14,053?- 6? out on jt 453 which is the 18th frac plug @ 18:25. Pump psi 4900, pump rate 2bpm, WH psi 3125 on a 19/64 choke @ 3bpm returns, Free torque 1900,

Drill torque 2400, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 8min., Up weight 34,000, Down weight 30,000, Neutral weight 32,800. Stg 22 frac plug. - As we were tripping in the hole to plug #15, the power swivel died and back spun the pipe. Got the swivel started again and called Basic Energy to come out and service the swivel as the check engine light is on. We will just R&R the pipe until Basic checks out the swivel before drilling the next frac plug. Mechanic showed up on location and checked swivel. Couldn't find anything wrong with it on location. In the mean time, tripping in to next frac plug rotating and circulating until new power swivel arrives on location. Tagged up on Jt 453 . 5' stick up to be @14,045. Wait on swivel. 1700pm-Swivel arrived on location. Changed out power swivels. - .RIH with 8jts to tag up at 13 ,770?- 1? in on jt 437 which is the 16th frac plug @ 1320:. Pump psi 4800, pump rate 2bpm, WH psi 3100 on a 19/64 choke @ 3.bpm returns, Free torque 1800, Drill torque 2800, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 10min. W/ 4? of sand., Up weight 36,000, Down weight 31,000, Neutral weight 32,000. Stg 24 frac plug. Going to pump a 50bbl sweep. - RIH with 9jts to tag up at 10,843?- 10? out on jt 350 which is the 5th frac plug @ 00:52. Pump psi 4500, pump rate 2bpm, WH psi 3200 on a 17/64 choke @ 3.8bpm returns, Free torque 1900, Drill torque 2400, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 8min., Up weight 38,000, Down weight 31,000, Neutral weight 32,000. Stg 36 frac plug. RIH with 8jts to tag up at 11,078?- 24? out on jt 358 which is the 6th frac plug @ 02:02. Pump psi 4600, pump rate 2bpm, WH psi 3250 on a 16/64 choke @ 3.5bpm returns, Free torque 1900, Drill torque 2300, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 9min., Up weight 36,000, Down weight 31,000, Neutral weight 32,000. Stg 35 frac plug. RIH with 8jts to tag up at 11,312?- 7? out on jt 365 which is the 7th frac plug @ 03:17. Pump psi 4600, pump rate 2bpm, WH psi 3250 on a 17/64 choke @ 3.4bpm returns, Free torque 1900, Drill torque 2400, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 10min., Up weight 37,000, Down weight 31,000, Neutral weight 32,000. Stg 34 frac plug. - .RIH with 7jts to tag up at 12,548?- 19? out on jt 396 which is the 12th frac plug @ 09:09. Pump psi 4800, pump rate 2bpm, WH psi 3200 on a 19/64 choke @ 3.bpm returns, Free torque 1900, Drill torque 2000, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 9min. W/ 0? of sand., Up weight 36,000, Down weight 29,000, Neutral weight 32,000. Stg 30 frac plug. Going to pump a 50bbl sweep. .RIH with 7jts to tag up at 12,820?- 19? out on jt 403 which is the 13th frac plug @ 10:09. Pump psi 4200, pump rate 2bpm, WH psi 3200 on a 19/64 choke @ 3.bpm returns, Free torque 1900, Drill torque 2500, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 9min. W/ 0? of sand., Up weight 38,000, Down weight 31,000, Neutral weight 32,000. Stg 29 frac plug. Going to pump a 5bbl sweep. - Resume operations. RIH with 9jts to tag up at 12,089?- 15? out on jt 389 which is the 10th frac plug @ 07:05. Pump psi 4400, pump rate 2bpm, WH psi 3200 on a 19/64 choke @ 3.bpm returns, Free torque 1900, Drill torque 2000, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 19min. W/ 0? of sand., Up weight 35,000, Down weight 30,000, Neutral weight 32,000. Stg 31 frac plug. Going to pump a 10bbl sweep. .RIH with 8jts to tag up at 12,320?- 15? out on jt 389 which is the 11th frac plug @ 08:16. Pump psi 4800, pump rate 2bpm, WH psi 3200 on a 19/64 choke @ 3.bpm returns, Free torque 1900, Drill torque 2000, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 9min. W/ 0? of sand., Up weight 36,000, Down weight 29,000, Neutral weight 32,000. Stg 31 frac plug. Going to pump a 10bbl sweep. - Shut down operations. JSA/Safety mtng. Go over blind shear training and operation of closing unit. Designate operators of closing unit and go over well control scenarios for using blind shear rams. - RIH with 9jts to tag up at 11,562?- 20? out on jt 374 which is the 8th frac plug @ 04:35. Pump psi 4400, pump rate 2bpm, WH psi 3250 on a 15/64 choke @ 3.6bpm returns, Free torque 1900, Drill torque 2400, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 19min. W/ 12? of sand., Up weight 37,000, Down weight 30,000, Neutral weight 32,000. Stg 33 frac plug. Going to pump a 50bbl sweep. RIH with 7jts to tag up at 11,811?- 10? out on jt 380 which is the 9th frac plug @ 06:04. Pump psi 4400, pump rate 2bpm, WH psi 3300 on a 16/64 choke @ 3.6bpm returns, Free torque 1900, Drill torque 2000, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 10min. W/ 0? of sand., Up weight 35,000, Down weight 30,000, Neutral weight 32,000. Stg 32 frac plug. Going to pump a 10bbl sweep. - .RIH with 9jts to tag up at 13 ,049?- 19? out on jt 421 which is the 14th frac plug @ 11:09. Pump psi 4300, pump rate 2bpm, WH psi 3200 on a 19/64 choke @ 3.bpm returns, Free torque 1900, Drill torque 2500, Weight on bit 7,000, Swivel RPM 115, Drilled plug in

9min. W/ 0? of sand., Up weight 35,000, Down weight 31,000, Neutral weight 32,000. Stg 27 frac plug. Going to pump a 5bbl sweep. .RIH with 8jts to tag up at 13 ,283?- 9? out on jt 429 which is the 15th frac plug @ 12:09. Pump psi 4800, pump rate 2bpm, WH psi 3150 on a 19/64 choke @ 3.bpm returns, Free torque 1800, Drill torque 2900, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 29min. W/ 0? of sand., Up weight 33,000, Down weight 30,000, Neutral weight 32,000. Stg 26 frac plug. Going to pump a 5bbl sweep. .RIH with 8jts to tag up at 13 ,541?- 11? out on jt 437 which is the 16th frac plug @ 1320:. Pump psi 4800, pump rate 2bpm, WH psi 3100 on a 19/64 choke @ 3.bpm returns, Free torque 1800, Drill torque 2800, Weight on bit 7,000, Swivel RPM 115, Drilled plug in 10min. W/ 0? of sand., Up weight 36,000, Down weight 31,000, Neutral weight 32,000. Stg 25 frac plug. Going to pump a 50bbl sweep.

Daily Cost: \$0

Cumulative Cost: \$5,470,203

8/21/2013 Day: 78

Completion

Nabors #1460 on 8/21/2013 - Continue to drillout frac plugs and sleeves to PBTD. - We are currently on joint 584 @ 18,118?. We will continue to RIH with 2 3/8th PH-6 workstring. The next sleeve is at 18,959 on jt 612. We will continue to pump 15bbl once each jt is down. - We got here with 557jts in the hole and day shift just pumped a 100bbl sweep. We are picking up 2 3/8th workstring. It feels and looks like we are washing sand. So after every joint we are pumping 15bbbs. We have washed 13 joints. There was no plug at 17,468?. The next sleeve is at 18,959?.We are currently at 572 jts in the hole (17,746?) ran a 100bbl sweep putting the sweep 20bbbs above the liner top. We are going to precede picking up pipe making our way to the first sleeve at 18,959.We will continue to run 15bbl sweeps after each joint. - Picked up two more joints after the FR got to location and then blew a hydraulic hose on the weatherford pump. We are currently pumping with the rig pump at 1.2bpm @ 4100psi. Tagged up on sand @ 14,548? on jt 470. Washed down to 14,967? on jt 483. which was a tight spot on stg 19 sleeve. Worked through the tight spot. There should have been a plug at 15,017 on jt 485. It was not there so we picked up jt 486 which is at 15,074? in the hole and decided since we washed down 15 jts of sand we would pump a bottoms up here which is 330bbbs and then go after the next plug. - Washed down to 15620. Tagged plug on jt 505 with 20' stick up. Pump pressure-4600. pump rate-2.6 bbls per min. Wellhead pressure-3000. choke size-19/64" rate of returns-3 bbls per min. Free torque-1800 psi. Drill torque-2400 psi. Weight on bit-7000#. Up weight-36K. Down weight-28K. Neutral weight-32K. Drill time 14 min. 1120am Circulate 100 bbls to clean up liner.Same pump rates and returns. Swivel tbng in to next plug. 1300pm- Tagged up on jt-523. 2' in to be @16195. 46' high from original plug depth @ 16241. 1320pm-Washed the sand away from the plug. Tagged plug on jt 524 with 2' stickup to be @16240'-Pump pressure-4000. pump rate-2. bbls per min. Wellhead pressure-3100. choke size-19/64" rate of returns-3 bbls per min. Free torque-1800 psi. Drill torque-2400 psi. Weight on bit-4000#. Up weight-36K. Down weight-30K. Neutral weight-32K. Drill time 11 min. Circulate 100 bbls with polymer sweep and FR to liner top. Continue RIH with tbng on swivel. 1530pm-Tagged up on jt 547 with a 4' stick up to be@16966. Sleeve depth was 16972. Kick pumps in and circulate jt down. As soon as we kicked the pumps on the tbng fell right throught the tight spot. Pumped a 2 gal polymer sweep and will chase sweep with 50 bbls. - Pumped 300 bbl bottoms up with 2 gal sweeps with polymer spaced every 40 bbls pumped. Rih and tag up on jt 488 to be at 15,137. Rotate and circulate sand out of well. 0810am- washed down to 15,292'. Next plug is at 15,626. 0950am-washed down to 15,447. Circulate 100 bbls plus polymer sweep to liner top. Pumping 2 bbls per min @ 4000 psi. Choke manifold is flowing 3000 psi through 19/64" choke making 3.1 bbls per min. - Continue swiveling connections in the hole. Tagged up on jt 551 4' out to be@17090. Kicked pumps in and begin circulation. 10 jts to go to tag last plug and drill up. 1700pm-Currently Washing down jt 556 to be @17,250. Plug depth @ 17,468. Milling junk and washing sand. 1710pm-jt 557 is washed down. Currently picking up jt 558 to be @17,312.

Daily Cost: \$0

Cumulative Cost: \$5,506,422

8/22/2013 Day: 79

Completion

Nabors #1460 on 8/22/2013 - Continue to RIH to the first sleeve that was left. - We laid the swivel back at around 22:00 and are still We laid the swivel back at around 22:00 and are still currently POOH with 2 3/8th PH-6 workstring. We have 526 jts still in the hole. - We are Currently Shut down do to scaring that?s happening on the PH-6 workstring when pulling it out of the hole. We are in the process of changing tong dies.We will look at the first joint we lay down and go from there. We currently have 559 joints in the hole. While we were waiting on tong dies we were pumping a barrel in and flowing the well back at barrel out. - Held a PJSM with everybody that was going to be here on the night shift. We went over JSAs and went out to releive day crew. - Begin laying down tbng with power swivel.We are Currently Shut down do to scaring that?s happening on the PH-6 workstring when pulling it out of the hole. We are in the process of changing tong dies.We will look at the first joint we lay down and go from there. We currently have 559 joints in the hole. While we were waiting on tong dies we were pumping a barrel in and flowing the well back at barrel out. - We are currently on joint 589 @ 18,273?. We are going to pump a sweep here 50bbbs past the liner top. Then we will continue to RIH with 2 3/8th PH-6 workstring. The next sleeve is at 18,959 on jt 612. We will continue to pump 15bbl once each jt is down. - Continue milling on sleeve 2. Periodically R&R tbng up and down. 1000am still no progress. Swivel RPM is between 75 and 80 rpm. Still at 3100 which is max torque with 2K on bit 1030am Same milling parameters not making any hole. 2 hrs of milling and R&Ring tbng. 1130am Drilled through sleeve. Circ for 10 min. Sent 20 bbl sweep. Continue RIH to next sleeve.12:05pm Tagged up on jt-619 12' in to be @19,183. - Jt 604 is in the well to be @18738. Pump pressure-4000. pump rate-2. bbls per min. Wellhead pressure-3000. choke size-19/64" rate of returns-3.2 bbls per min. Free torque-1800 psi. Drill torque-2400 psi. Weight on bit-7000#. Up weight-56K. Down weight-28K. Neutral weight-33K. Stll circulating sand out of well. Pumped a 2 gal polymer sweep. Currently Circulating 100 bbls to clean up to liner top. Dumped the sand seperator after flowing in to it for 2 hrs. had a trace of sand in it. Circulated down 7 jts and tagged sleeve #2 on jt 611 with a 1" stick up. Picked up jt 612 to be @18,956 with full jt out.0900am begin drilling on sleeve #2 Pump pressure-4000. pump rate-2. bbls per min. Wellhead pressure-2750. choke size-19/64" rate of returns-3. bbls per min. Free torque-2200 psi. Drill torque-3100 psi. Weight on bit-2000#. Up weight-41K. Down weight-30K. Neutral weight-33K. Still drilling on sleeve it has been 50 min now. - We are currently on joint 600 @ 18,614?. We will continue to RIH with 2 3/8th PH-6 workstring. The next sleeve is at 18,959 on jt 612. We will continue to pump 15bbl once each jt is down. - Circulate 2-1/2 wellbore volumes.Pump pressure -4400. pump rate-3. bbls per min. Wellhead pressure-4200. choke size-19/64" rate of returns-4.2 bbls per min. Free torque-1800 psi. Drill torque-2400 psi.. Up weight-56K. Down weight-28K. Neutral weight-33K. Pumped-510 bbls to clean up well.

Daily Cost: \$0

Cumulative Cost: \$5,581,271

8/23/2013 Day: 80

Completion

Nabors #1460 on 8/23/2013 - continue to POOH, Land the well, RD rig floor and annular. Get ready to RU snubbing unit in the AM. - Waitng on CUDD to show up at 5AM to RU snubbing unit.ui - Well after two failed attempts to land the well the third time was success. Well is landed we are currently RD the rig floor and the annular. The rig will be ready to RU snubbing unit at 5AM. - Prepare to strip hanger out of well to check rubbers. - Still currently POOH with 2 3/8th PH-6 workstring. We have 526 jts still in the hole. - Currently 366 jts in well. Bit @10.019'. Pump 300 bbls to clear wellbore at thr bottom of the P trap. Pumping 3 bbls per min @ 4200 psi. Well flowing on 20/64" choke @ 3200 psi. Flowing back 3.2 bbls per min. - We are currently POOH with 2 3/8th PH-6 workstring. We have 366 jts still in the hole. At

10,019? (323 jts) in the hole we are going to pump a wellbore volume to clean the pee-trap out before pulling through it. Done pumping the sweep at - Still currently POOH with 2 3/8th PH-6 workstring. We have 442 jts still in the hole. - Continue pooh. Left 259 jts in the well to be @7999. 1100am-PJSM. Make up tbng hanger and prepare to land tbng hanger. 1230pm-tbng hanger is landed. Run in locking pins and bleed off stack. 1330pm.stack would not bleed off. Prepare to strip hanger out and check the seal on the hanger. 1430pm-stripped tbng hanger to surface and changed seal out. 1500pm-stripped tbng hanger back in well. Equalized very slowly. and began locking pins in.

Daily Cost: \$0

Cumulative Cost: \$5,650,317

8/24/2013 Day: 81**Completion**

Nabors #1460 on 8/24/2013 - RU snubbing unit and pull 27 joints - Waitng on CUDD to show up at 5AM to RU snubbing unit. - Ok here is where we are at out here on the 1-18-19-3-3WH. We are changing out CUDDs tongs for the Nabors tongs due to the CUDD tongs marring up the workstring tbg. We will pull one more joint tonight to make sure the tongs don?t mar up the tbg. So CUDD can be back out here at a descent time in the morning. - PJSM- Remove rig floor from scoping stand and prepare to rig up snubbing unit. Rigged up snubbing unit. - PJSM. Pressure test snubbing unit as per NFX standards and guide lines. - Equalize over. Unland tbng hanger. Pulled 27 joints.

Daily Cost: \$0

Cumulative Cost: \$5,686,463

8/25/2013 Day: 82**Completion**

Nabors #1460 on 8/25/2013 - RDMO CTU - POOH LD workstring have 640 jts LD shut donw do to darkness.Shut well in and secured well. We like 2 jts be out hole, Cudd be back @ 5:30 am. - Continue POOH LD tubing. 120 jts on rack. We are at balance point and are going to begin snubbing. All tubing looks good up to this point, there are some jts that have gouges from previous runs. That was determined by the rust in the gouge and verified by LOR rep Ryan. LOR rep has been checking every jt that comes out of the hole. - Ok here is where we are at out here on the 1-18-19-3-3WH. We are changing out CUDDs tongs for the Nabors tongs due to the CUDD tongs marring up the workstring tbg. We will pull one more joint tonight to make sure the tongs don?t mar up the tbg. So CUDD can be back out here at a descent time in the morning. - PJSM with Nabors, CUDD, Rock Water flowback, LOR and SMS. Went out to check out location and well then we shut down to have a discussion about pipe handling techniques and the safety involved with them to assure that all personnel involved were educated in what is expected by LOR and NFX. - POOH with 8 jts tbg stopping to inspect each jt. Tubing tong back ups were not being leveled properly causing gouging on jts (not slipping). After back ups were leveled die gouging was still present just not as deep, but was straight bite. LOR rep Ryan Schneiderjan recommended not laying anymore tbg down until we could do it without gouging it. Dead blow hammer could not be found on location and red box for tubing was not on location. LOR rep Ryan went out and located 2 and 1 hour after we asked Nabors for one they pulled one out of their tool box on the rig. They had acquired it from the job box on location to clean it up and never put it back. We are now coming out of the hole using dead blow hammer on tool jts to assist breaking out connections with minimum damage on tubing. 15 jts on the rack.

Daily Cost: \$0

Cumulative Cost: \$5,734,595

8/26/2013 Day: 83**Completion**

Nabors #1460 on 8/26/2013 - RIH w/PKR - MU replacement JB & same GR. RIH @ 150 fpm and slow down to 92 fpm and tagged up at 6,631'. Pulled up 2 casing collars and lowered GR to 6,631' and tagged again. POOH @ 150 fpm. Inspect tools, tools were not damaged, recovered a piece of soft rubber about the size of a nickel. Plan forward: Flow 375 bbls from the well @ 4bpm and re-run GR & JB. - MIRU JW WL and 7? x 5K lubricator. Test lube to 5K. MU GR BHA, 6? x .25? GR, 1.68? x 6? JB, CCL 1.25? x 3.12?, Weight bar 5? x 3.13?, weight bar 5? x 3.13?, weight bar 5? x 3/13? and cable head 1? x 1.44?. RIH with GR to 6,986? and stopped hard then fell through and lowered GR to TOL @ 8,487?. POOH and hung up briefly @ 6,754?. Continued POOH and recovered all tools but found JB bent. Picture attached. Waiting on replacement JB to re-run GR & JB. - RDMO Cudd snubbing unit. Hauled off 3 jts 2 3/8? PH6 and 3 jts 2 3/8? L-80 to Runners yard via Runners Hot Shot. Currently RU JW WL to make a gauge ring run and then set a 7? Hornet Packer. - Flow 375 bbls 4 bpm @ 3,000' psi, shut well in. Had 5 X 1-1/2 piece of soft rubber in plug catcher, look like came off annular. NU & Test Lubricator 5,000' psi test good RIH w/ GR& JB 150 fpm TOL @ 8,487 went good POOH. - Waiting on day light for snubbing unit. - POOH LD GR & JB JB was clean. - PJSM with all personnel on location. Open well and continue snubbing out of hole with the last 3 jts of 2 3/8? PH6 work string and CO BHA.

Daily Cost: \$0

Cumulative Cost: \$5,854,715

8/27/2013 Day: 84**Completion**

Nabors #1460 on 8/27/2013 - RIH packers and set in casing, RDMO Wireline - make up new 7" X 8.42 Weatherford Arrow set PKR and BHA, and wait on orders to be approved to run packer. - Steam clean lubricator grease from BOPE. Knight Oil Tools on location. Change out both sets of pipe rams from 2 3/8? to 2 7/8?. Weatherford pressure tester was released after lubricator test due to fatigue. Four Star is on location and will be pressure testing both sets of rams after installation. Pressure test pipe rams to 250 psi for 5 min and 10,000 psi for 10 min. We had some trouble with test truck in the beginning causing us to fall behind 30-45 minutes. Finished testing and re-heading WL. - MIRU JW WL and 7? x 5K lubricator. Test lube to 5K test good. MU JW setting Tool 20 OD 3.38 L-6.0, Firing head OD 3.13 L-.50, Quick-Change OD 3.13 L-1.50, Tekco CCL OD 3-1/8 L-1.25, Cable Head OD 1-7/16 L-1.0. RIH 2-7/8' re-entry guide OD 3-5/8 L-.45, 2-7/8' ceramic burst disc OD 3-5/8 L-.78, 2-7/8' 6.5" L-80 4 ft pup sub L-4.21, 2-7/8' XN profile nipple OD 3-1/4 ID 2.205 L-.83, 2-7/8' 6.5" L-80 4 ft spup sub L-4.26, 7" X 8.42 Weatherford Arrow set PKR, Seal Nipple OD 3-3/16 2.31 profile, Set PKR @ 8,440' POOH LD JW tools open well 3,000' psi Flow back 4 bpm @ 2,850' psi flow back 200 bbls not bleed down. Shut well in 3,000' PSI. - MU RIH with 3-3 1/8? x 5? weight bars. Pressure test lube to 5K. RIH to 8,000? @ 100 fpm, reduced speed to 50 fpm and tagged packer assembly very soft at setting depth of 8,436?. POOH with wireline. - MUPU JW WL and 7? x 5K lubricator. Test lube to 5K test good. MU JW setting Tool 20 OD 3.38 L-6.0, Firing head OD 3.13 L-.50, Quick-Change OD 3.13 L-1.50, Tekco CCL OD 3-1/8 L-1.25, Cable Head OD 1-7/16 L-1.0. RIH at 75 ft/min with 2-7/8' re-entry guide OD 3-5/8 L-.45, 2-7/8' ceramic burst disc OD 3-5/8 L-.78, 2-7/8' 6.5" L-80 4 ft pup sub L-4.21, 2-7/8' XN profile nipple OD 3-1/4 ID 2.205 L-.83, 2-7/8' 6.5" L-80 4 ft spup sub L-4.26, 7" X 8.42 Weatherford Arrow set PKR, Seal Nipple OD 3-3/16 2.31 profile, Set PKR @ 8,310' POOH LD JW tools open well 3,050' psi, bleed down well bore to 0 Psi, well dead and packer holding. RDMO JW Wireline unit.

Daily Cost: \$0

Cumulative Cost: \$5,441,055

8/28/2013 Day: 85**Completion**

Nabors #1460 on 8/28/2013 - NU annular bag, RIH prod tbg string, Land tubing and test hanger, ND D/O BOP stack, NU & test production tree, - NU 2 7/8" production tree and test same as per Newfield's procedures. Changed configuration from actuator valve, gate valve,

choke valve to standard set up as gate valve, actuator valve, choke valve, and tested tree, Hook up production's flow lines. - NU and test 7 1/16" 5K annular BOP bag, Put rig floor back onto rig and rig up floor to RIH 2 7/8 Production tbg string . - PUMU on/off tool overshot (skirt) for 7" packer , 1 jt of 2-7/8" 6.5 EUE L-80 tbg , 2-7/8" X Nipple (2.313") , 2-7/8" 6.5# EUE L-80 tbg to surface. Heat fresh water to 90 degrees. Changed well over with 310 bbls fresh water treated with packer fluid. Install BPV and land hanger 17K in compression. Run in set screws and packing glands on WH. Close pipe rams and perform a negative pressure test on hanger, 250 psi for 5 min and 5,000 psi for 10 min. Rigged up to pressure test annulus and pressure tested to 2,000 psi, held for 5 min and bled down to rig down pulling unit due to lightning storm coming in. RD pulling unit and pressured up on annulus to 2,200 psi and back pressure valve leaked approx. 10 gal due to tbg compression until seals were properly seated. BPV sealed and pressured up casing to 250 psi for low pressure test and held for 10 minutes, test good. BWO and pressure up to 5,000 psi. Pressure leaked off to 4,800 psi and held for 30 minutes. Test good. Pressure wash BOPE.

Daily Cost: \$0

Cumulative Cost: \$5,623,412

8/29/2013 Day: 86

Completion

Nabors #1460 on 8/29/2013 - Finish testing production tree, Pump off disc with 100 bbls treated water, turn well over to production at 04:30am - Release all vendors and equipment from location. Arrange to continue hauling off fresh water to recycle pad. Super Sucker cleaning flowback tanks. Rig crew is cleaning up all garbage, well head bolts and everything else that they can find. - Finish testing production tree, - Pulled FMC's check valve from tbg hanger, Well dead, Make up pump line to weatherford's pump and increased pressure to 4,900 Psi, disc broke and pressure dropped to 3,100 Psi, Continued to pump 2x tbg volume plus, (100 bbls treated water down tbg.) Open well to production lines, well flowing to production tanks, Turn well over to production, - POP at 04:30 am.

Daily Cost: \$0

Cumulative Cost: \$5,843,614

8/30/2013 Day: 87

Completion

Rigless on 8/30/2013 - Capture Costs in DCR - Capture Costs in DCR 8/30/13 - 4 tickets from Common Sense Inspection Tk#18499 84 Jts Inspected to type 4 Specs(\$5040), Tk#19351, 497 Jts Inspected to Type 3 Specs(\$10110), Tk#19352 100 Jts Inspected to type 1 Specs (\$1440), Tk#18498, 385 Jts Cleaned and drifted, redoped(\$11545)

Daily Cost: \$0

Cumulative Cost: \$5,932,408

Pertinent Files: Go to File List